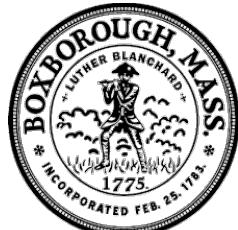


Town of Boxborough
Open Space and Recreation Plan
2022-2027

May 2023

Prepared for:



Prepared by:



Acknowledgements

This plan was prepared for the Town of Boxborough (the Town) by Comprehensive Environmental Inc. (CEI) with the help of the Boxborough Open Space and Recreation Plan (OSRP) Working Group.

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Owen Neville	Agricultural Commission Chair
Megan Connor	Recreation Commission Chair
Mark Barbadoro	Planning Board Chair
Marie Cannon	Board of Health Chair
John Markiewicz	Select Board
Liz Markiewicz	Conservation Commission
Norm Hanover	Conservation Commission
Dennis Reip	Conservation Commission Chair
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1. Simon Corson left the position of Town Planner in April 2022 and was succeeded by Tracy Murphy.

Cover Image: Trail in Heath Hen Conservation Area (CEI photo)

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1. Plan Summary

1.1. Statement of Purpose

The purpose of the 2022-2027 Open Space and Recreation Plan (OSRP) is to provide the Town of Boxborough (the Town) with a blueprint for ensuring that current and future residents have ample opportunities for recreation and access to open space.

Open space is important for protecting water, soil, and air quality. Residents also value Boxborough's rural qualities and seek to preserve its history, scenic landscapes, and wildlife habitats. This plan also intends to retain the character of Boxborough by establishing a diverse system of interconnected open space areas and to provide quality recreation programs for all residents to enjoy.

1.2 Open Space and Recreation Goals

The Town has developed the following seven goals on which this OSRP is based.

2022-2027 Boxborough OSRP Goals	
	1. Protect and/or acquire additional lands for conservation, water resource protection, climate resilience, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.
	2. Incorporate climate resiliency into planning/zoning regulations to ensure that open space and priority habitats are protected as much as possible on developable lands.
	3. Protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.
	4. Enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.
	5. Create a process whereby the Town boards, commissions, and residents are periodically informed about environmental and conservation issues; including the impacts of human activity on the environment and the financial benefits of protecting natural resources.
	6. Preserve farmland and soils favorable for agriculture and to encourage agricultural land uses.
	7. Pursue regional approaches to achieving the goals of this Open Space and Recreation Plan, including coordination with neighboring communities and MAGIC region communities.

2. Introduction

2.1 Statement of Purpose

The Open Space and Recreation Plan (OSRP) is a comprehensive planning document that assesses the adequacy of existing open lands and recreation facilities, determines where and what types of land and facilities are needed, and establishes an action plan for land acquisition, land management, and recreation programming to guide Town agencies for the next five years.

The purpose of the 2022-2027 OSRP is to provide the Town of Boxborough (the Town) with a blueprint to ensure that current and future residents have ample opportunities for recreation and access to open space. Open space is important for protecting water, soil, and air quality. Residents value the rural qualities of the town and seek to preserve its history, scenic landscapes and wildlife habitats. The recent COVID-19 pandemic has highlighted the critical role of open space and recreation areas to public health. This plan also intends to retain the character of Boxborough by establishing a diverse system of interconnected open space areas and to provide quality recreation programs for all residents to enjoy.

2.2 Planning Process and Public Participation

Comprehensive Environmental Inc. (CEI) prepared this plan under the direction of the Boxborough Open Space and Recreation Plan (OSRP) Working Group. This group consisted of members from various Town commissions and the Town Planner. The project was funded by the Town of Boxborough. CEI held a series of meetings with the OSRP Working Group and the Town conducted three public meetings. The public meetings were noticed via advertisements in the local newspaper (The Beacon and Action Unlimited) and through postings in Town Hall and on the Town website. See list of meetings in Table 1.

Table 1. OSRP Planning Meetings

Meeting Type	Date
OSRP Working Group and CEI	March 22, 2022
OSRP Working Group and CEI	April 4, 2022
OSRP Working Group and CEI	April 25, 2022
Public Meeting to present draft OSRP Goals and Action Plan (<i>Boxborough Planning Board meeting</i>)	June 13, 2022
Public Meeting to solicit public comments on the draft OSRP (<i>Boxborough Planning Board meeting</i>)	September 19, 2022
OSRP Public Forum	April 12, 2023

Due to the COVID 19 Pandemic, meetings in 2022 were held virtually. Attendance of these events was not recorded. However, the Town estimates that at least 10 members of the public attended each Planning Board Presentation. On April 12, 2023, the Office of Community Development hosted a public forum, to present the findings of the report and gather a final round of community feedback. This forum featured mapping activities, prioritization activities, and question and answer period, with translation services provided throughout the event. The public forum was attended by 16 Boxborough residents.

2.3 Environmental Justice and Equity

Since 2002, the Massachusetts Executive Office of Energy and Environmental Affairs (EOEEA) has been implementing an Environmental Justice Policy to help ensure that all Massachusetts residents experience equal protection and meaningful involvement with respect to the development, implementation, and

enforcement of environmental laws, regulations, and policies, and the equitable distribution of environmental benefits. This policy was instituted recognizing that communities across the Commonwealth, particularly those densely populated urban neighborhoods in and around the state's older industrial areas, are facing many environmental challenges associated with Massachusetts' industrial legacy. Residents in these predominantly low-income and minority communities – nearly 29% of the state population – often lack nearby access to open space and recreational resources and often live near sources of pollution and abandoned contaminated sites, which can pose risks to public health and the environment. The State considers a community to be an environmental justice community if it meets one or more of the following criteria:

- the annual median household income is not more than 65% of the statewide annual median household income;
- minorities comprise 40% or more of the population;
- 25% or more of households lack English proficiency; or
- minorities comprise 25% or more of the population and the annual medium household income of the municipality in which the neighborhood is located does not exceed 150% of the statewide annual median household income.

Based on 2020 Census data, Boxborough has two Environmental Justice block groups of minority populations (see *Section 3.3 and Figure 2 for more information*). Outreach and public participation were enhanced for these communities to ensure meaningful involvement in the OSRP planning process. These steps included making the draft OSRP available for review and comments via the Town website, announcing the draft OSRP and related public meetings via the Town Twitter account, and advertising at the [Boxborough Free Bee Network and Market](#).



Critical to advancing Environmental Justice in the Commonwealth is the equitable distribution of environmental assets such as parks, open space, and recreation. Toward this end, and where applicable, municipalities shall identify and prioritize open space sites in their Open Space and Recreation Plans that are socially, recreationally, and ecologically important to Environmental Justice populations within the community. This plan addresses these concerns as per the State's guidelines.



Fifers Field and Beaver Brook property

3. Community Setting

3.1 Regional Context

Boxborough is located in Middlesex County, approximately 25 miles northwest of Boston (Figure 1). The Town contains 10.4 square miles and is abutted by Littleton to the north, Acton to the east, Stow to the south, and Harvard to the west. Interstate 495 runs through the western section of town and Route 2 crosses the northeast corner of town. Route 111 bisects the town, connecting Boxborough to Harvard to the west and Acton to the east. Boxborough is within commuting distance of Boston, Lowell, Lawrence, Leominster, Fitchburg, Worcester, Framingham, and Nashua. Because of its proximity to population and employment centers, its rural atmosphere, and the reputation of its schools, Boxborough continues to be an attractive place to live and to conduct business.

Boxborough is categorized by the Metropolitan Area Planning Council (MAPC) as a Country Suburb. These communities have very low housing density, with no significant mixed-use town center and no compact neighborhoods. They have large amounts of land that is potentially developable or could potentially be protected as conservation land. New growth largely takes the form of conventional low-density subdivisions developed on vacant land, or auto-oriented office and industrial parks. These communities are generally experiencing rapid growth.

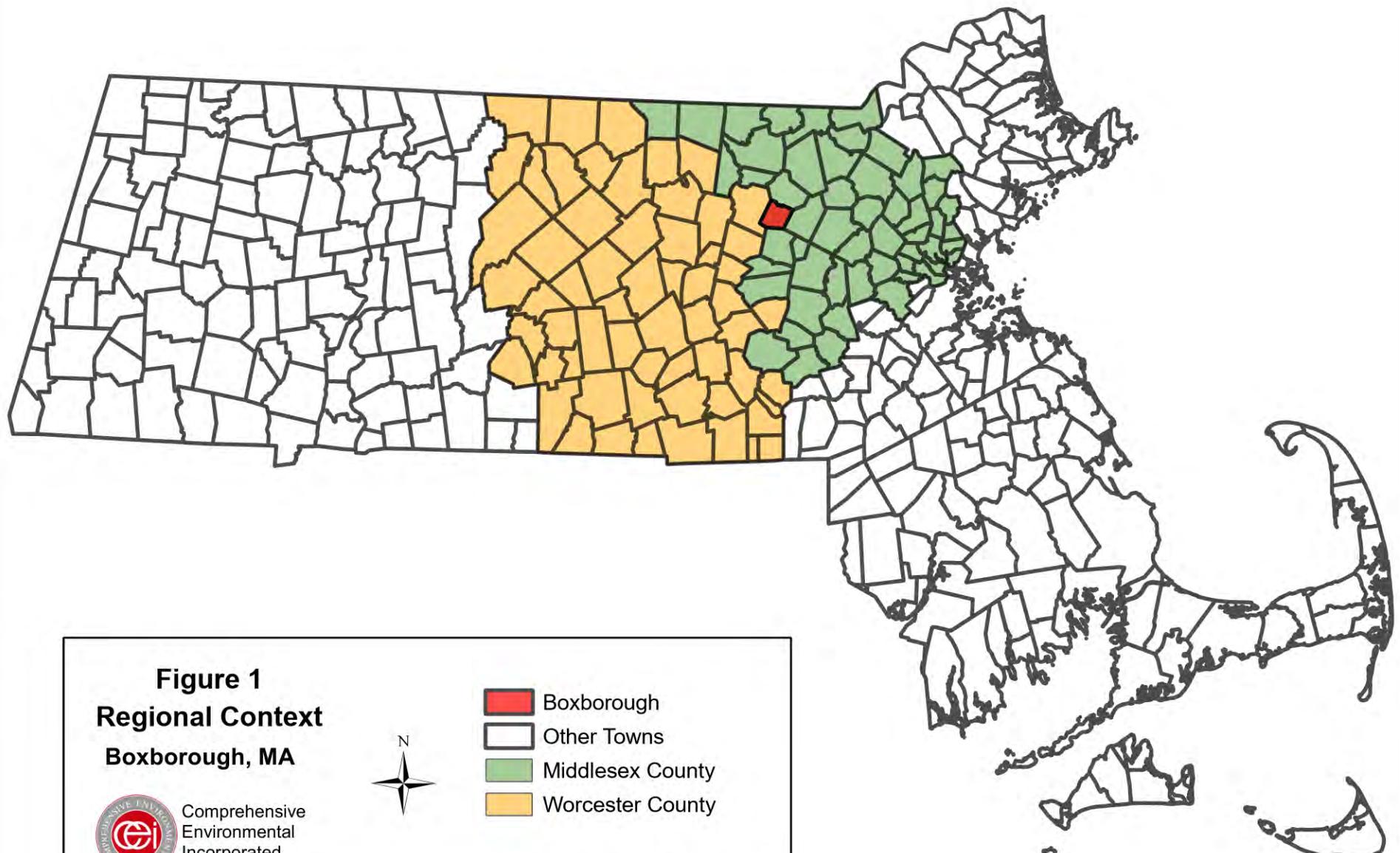
3.1.1 Regional Planning

Boxborough is one of 101 municipalities that are served by MAPC. MAPC serves as a forum for state and local officials to address issues of regional importance. Council membership consists of community representatives, gubernatorial appointees, and city and state agencies that collaborate in the development of comprehensive plans and recommendations in areas of population and employment, transportation, economic development, regional growth, and the environment. The MAPC's staff of professional planners, GIS specialists, demographers, and others, provide technical assistance to member communities. Key MAPC initiatives relevant to open space and recreation planning include the following:



- **Minuteman Advisory Group on Interlocal Coordination (MAGIC):** Boxborough is a member of MAGIC, one of eight subregions within the MAPC. MAGIC is a group of thirteen communities (Acton, Bedford, Bolton, Boxborough, Carlisle, Concord, Hudson, Lexington, Lincoln, Littleton, Maynard, Stow, and Sudbury) that meet regularly to discuss issues of common interest. MAGIC is an excellent forum for discussing regional open space issues and opportunities.
- **MetroCommon 2050:** MetroCommon is the official regional plan for Greater Boston, adopted in 2021. It provides a long-range regional plan for the 101 cities and towns of the MAPC region, including goals related to land preservation, conservation, and access to recreational spaces. The plan can be viewed at <https://www.mapc.org/get-involved/metrocommon-2050/>.





3.1.2 Regional Open Space Resources

There are a number of significant regional open space resources which link Boxborough and its surrounding communities:

Water Resources: One of Acton's municipal drinking water wells is located near the Boxborough town line and the Town of Littleton has a municipal drinking water supply located near Boxborough's northern boundary. Both Acton and Littleton have portions of [Zone II Wellhead Protection Areas](#) for public wells that extend into Boxborough. Boxborough is located within the Merrimack River watershed, as all surface waters in town eventually drain to the Merrimack River via tributaries. Most of Boxborough drains to the Merrimack River via tributaries to the Assabet River, while the Beaver Brook watershed in western Boxborough drains to the Merrimack River via Stony Brook.



Flagg Hill Conservation Area

Conservation Lands and Trails: The [Flagg Hill conservation land](#) preserves 286 acres of land in Boxborough and Stow, which is jointly maintained by the Conservation Commissions of Boxborough and Stow. The Flagg Hill land has a network of trails connecting Stow and Boxborough. The Sudbury Valley Trustees have prepared a [Flagg Hill information pamphlet](#) describing the land and its unique features.

Several other opportunities for creating inter-town trails and contiguous open space have been identified. There are two parcels of conservation land in Acton on the Boxborough town line. One parcel has been connected to the Guggins Brook wetland parcel as it was acquired through a tax title taking of the land. There is also the possibility of linking conservation land along Fort Pond Brook. The Delaney Project, located in Harvard and Stow, abuts Boxborough along its southern boundary. Access to the Delaney Project from Boxborough could be provided. The Town of Harvard has conservation land along the western boundary of Boxborough and there is potential to link this land with the proposed open space in the Cisco development expansion project located in the Beaver Brook Valley. The MA Division of Fisheries and Wildlife has acquired a parcel of land that straddles the Boxborough and Littleton town line.

3.1.3 Regional Planning and Open Space Initiatives

[Boxborough Reconnaissance Report - Freedom's Way Landscape Inventory](#): This study was completed in June 2006 and was prepared for the Massachusetts Department of Conservation and Recreation in cooperation with the Freedom's Way Heritage Association as part of the Heritage Landscape Inventory program. For more information on this program please visit the program website at <https://www.mass.gov/lists/heritage-landscape-inventory-reconnaissance-reports>.

[495/MetroWest Development Compact Plan](#): The 495/MetroWest Development Compact was a regional-level planning process completed in 2012 that: 1) established community-based priorities and strategies along the I-495 corridor; 2) integrated those priorities into regional and state development and preservation strategies; and 3) provided a direction for public investments. The planning process began with individual communities, including Boxborough, identifying areas where the towns wanted to grow (locally identified priority development areas) and areas that the towns wanted to preserve (locally identified priority preservation areas). These were then reviewed against regional and state-wide criteria to identify areas that were deemed to be of significance at the regional and state-wide level.

<https://www.495partnership.org/compact-final-report>

Boxborough identified ten priority development areas, four priority preservation areas, and one combined area. These are discussed later in this Plan. After the regional screening, one of the preservation areas remained while the other three were determined to be primarily of local importance.

3.2 History of Boxborough

Boxborough was characterized in 1873 as “*...a small farming-town, somewhat hilly and of a passably good soil, lying on the westerly edge of Middlesex County*” inhabited by “*nearly all farmers, who earn their living...by the sweat of the face.*” This description was entirely fitting from the town’s founding through the beginnings of suburbanization in the late 20th century.

Disliking the distance to church services or perhaps just seeking their own identity, a group of town founding families acquired Harvard’s old meeting house and transported it to the hilltop intersection of Hill and Middle



Roads. In 1775 they petitioned the Colonial legislature to become a separate entity and in 1783 Boxborough was incorporated as a district of about ten square miles, made up of parts of Stow, Harvard, and Littleton. By 1800 a small center village had grown up around the meetinghouse at the top of Hill Road, but at its incorporation as a town in 1835, Boxborough was still an agricultural community of dispersed farms raising grain and livestock.

With the exception of small local industries including gristmills, sawmills, and cooperages as well as some minor boot and shoemaking, comb-making, and a lime quarry and kiln, Boxborough’s economy remained almost entirely agricultural through the 19th century. In 1806 the Union Turnpike was extended west from Concord (today’s Massachusetts Avenue/Route 111), passing through Boxborough a short distance south of the center and easing access to regional markets for local farmers. The 1829 founding of the Evangelical Congregational Society and its erecting of a meeting house on the Union Turnpike marked the beginning of a shift of the town’s center of activity from the old Hill Road Town Common. Growing of hops was a specialty on many Boxborough farms in the early 19th century, when the town had the reputation as the largest hop-growing town of its size in New England. In 1845 the Fitchburg Railroad came through the northeast corner of town with a flag stop at the Littleton border, further speeding the shipment of farm products such as butter and cheese, and setting the stage for agricultural specialization.

Even as late as 1860 the heart of the town was still dominated by an ancient oak forest of perhaps a thousand acres. It was visited in two well documented 1860 visits by Henry David Thoreau. Thoreau characterized Inches Woods as “*just the most remarkable and memorable thing in Boxboro...The handsomest thing I saw in Boxboro was this noble stand of oak wood. I doubt if there is a finer one in Massachusetts.*” The woods were subsequently lumbered as part of the Civil War efforts and became crop and grazing lands. Dairying became increasingly important in the second half of the 19th century, with farmers shipping milk to regional markets in Worcester, Lowell, and Boston. After the Civil War many Boxborough farms also included large orchards of apples, pears, and peaches, and some farmers were doing a brisk business in grapes and berries. By



Peter Wheeler House, circa 1832

1900, poultry raising was another important specialty, lasting into the 1940s.

While orcharding, poultry farming, and some dairying continued into the 1970s, farming of all types declined throughout Boxborough after World War II. Commuting to jobs outside of Boxborough increased, spurred by regional highway construction including Interstate 495 which came through the west part of town in the early 1960s. Old farms were divided to make new house lots, and residential growth skyrocketed through the end of the 20th century, dramatically changing the character of the community. Suburbanization caused the population of the town to double in the 1960s and double again in the 1970s.

Beginning in the 1960s a number of multi-family buildings, first as apartments and later as condos, were built, particularly to the west of I-495. The development of office parks was designated from Industrial Commercial Districts by zoning in the 1980s, and these are located both east and west of I-495.

Increased awareness of development pressures coupled with the change in demographics led to a town focus on landscape conservation and the development of recreation resources. The Town began acquiring land for conservation and, notably, a private group secured preservation of the endangered Beaver Brook Esker, which remains under the management of the Boxborough Conservation Trust. Surveys of historical resources were performed resulting in the Boxborough Old Town Common and Steele Farm being placed on the National Register. Steele Farm, a municipal property, was also protected by a conservation/historical preservation restriction. Active recreation resources developed during this period include athletic fields at Flerra Meadows (a mixed-use property) and at Liberty Fields.



Steele Farm

3.3 Population Characteristics

Total Population

According to the 2020 Census, the population of Boxborough is 5,506. This represents an increase of 510 (10.2%) from the 2010 population.

Table 2. Total Population

Year	Population
1990	3,343
2000	4,868
2010	4,996
2020	5,506

Source: U.S. Census Bureau

Age Distribution

The median age in 2020 was 42.1, 21.8% of the population was under 18 years, and 10.3% was 65 years and older. Table 3 provides a more detailed breakdown by Age Group for the 2010 and 2020 Censuses.

Table 3. Age Distribution: 2010 and 2020

Age Group	2010 Number	2010 %	2020 Estimate	2020 %
Under 5 years	208	4.16	241	4.25
5 to 9 years	312	6.24	272	4.79
10 to 14 years	446	8.93	446	7.86
15 to 19 years	453	9.07	526	9.27
20 to 24 years	212	4.24	346	6.09
25-34 years	379	7.59	535	9.42
35-44 years	638	12.77	671	11.82
45-54 years	1,206	24.14	955	16.82
55-59 years	430	8.61	663	11.68
60-64 years	291	5.82	436	7.68
65-74 years	255	5.10	397	6.99
75-84 years	124	2.48	132	2.33
85 years and over	42	0.84	57	1.00
Totals	4,996	100.00%	5,677	100.00%

Source: U.S. Census Bureau, American Community Survey (2016-2020)

Household Composition

There were 2,259 occupied households in Boxborough in 2020 and the average household size was 2.51 people. Families made up 61.5% of the households. Of these, 93.8% were married-couple families. Non-family households accounted for 38.5% of all households. Table 4 provides a more detailed breakdown of household characteristics as of 2020.

Table 4. Household Characteristics 2016-2020

Household Type	Number
Total Households	2,259
Family Households (families)	1,389
With own children under 18 years	670
Married-couple families	1,303
With own children under 18 years	606
Male householder, no spouse present, family	26
With own children under 18 years	16
Female householder, no spouse present, family	60
With own children under 18 years	48
Non-family Households	870
Householder living alone	765
65 years and over	175
Households with one or more people under 18 years	680
Households with one or more people 60 years and over	748
Average household size	2.51
Average family size	3.34

Source: U.S. Census Bureau, American Community Survey (2016-2020)

Income

According to the 2020 Census, the median household income in Boxborough was \$126,597 and the median family income was \$190,795. The per capita income was \$51,212. The Census also found that 3.6% of families in Boxborough had incomes below the poverty level.

Environmental Justice Criteria

The State considers a community to be an environmental justice community if it meets one or more of the following criteria:

- the annual median household income* is not more than 65% of the statewide annual median household income;
- minorities comprise 40% or more of the population;
- 25% or more of households lack English proficiency; or
- minorities comprise 25% or more of the population and the annual medium household income of the municipality in which the neighborhood is located does not exceed 150% of the statewide annual median household income.

* *The U.S. Census Bureau defines household income as the combined gross cash income of all members of a household. This includes the income of the householder and all other individuals 15 years old and over in the household, whether or not they are related.*

Boxborough meets the Environmental Justice criteria for minorities for two of the three block groups in Town. Block Groups are statistical divisions of census tracts, are generally defined to contain between 600 and 3,000 people. Tables 5 and 6 display some information related to diversity in Boxborough which shows there is a significant Asian population in town. Figure 2 (Environmental Justice Populations) shows the location of Environmental Justice block groups in Boxborough.

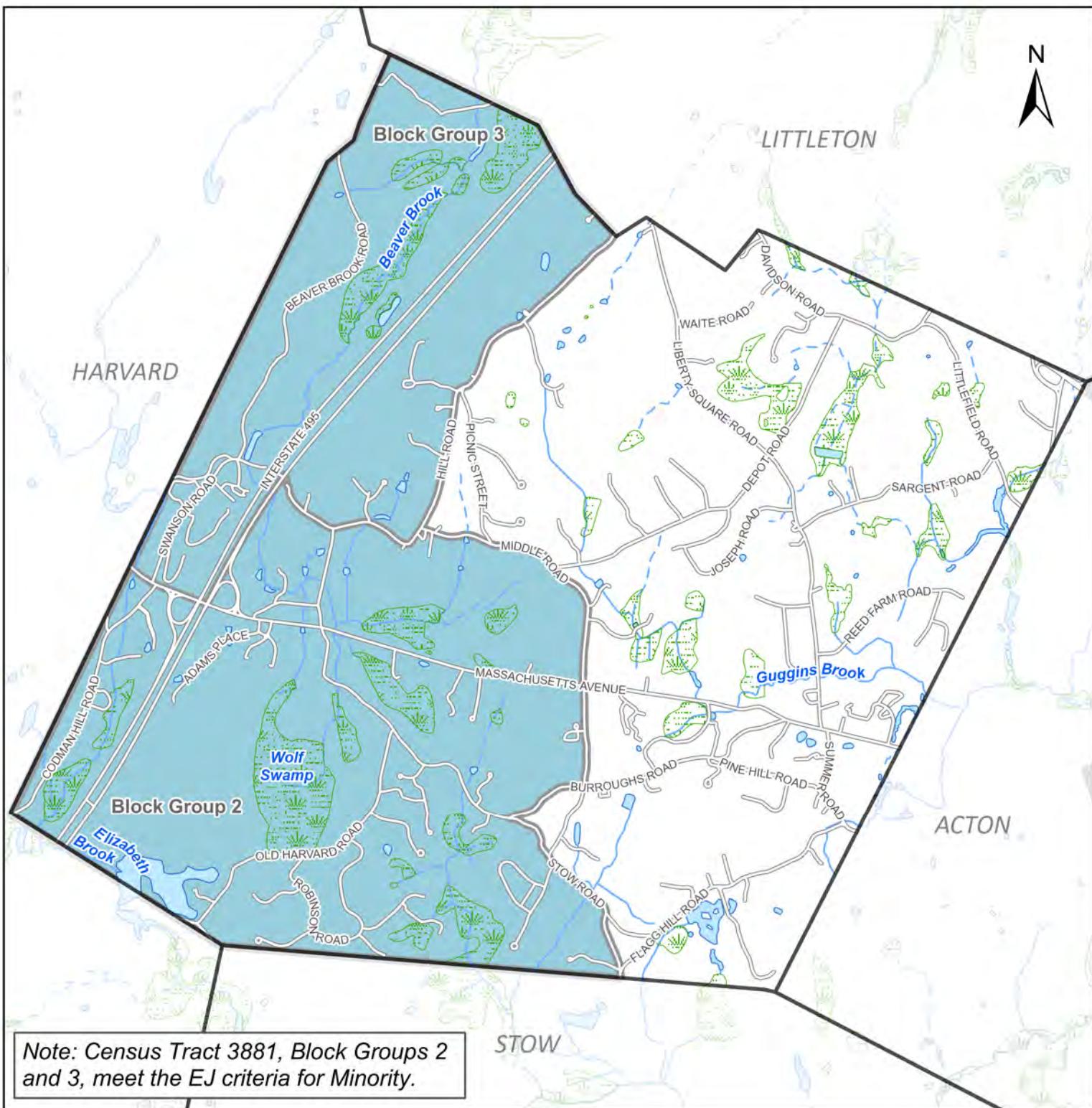


Figure 2
Environmental Justice
Populations

Boxborough, MA



Comprehensive
Environmental
Incorporated

- Environmental Justice Populations
- Lake, Pond, Reservoir
- Wetlands
- Shoreline
- Perennial Stream
- Intermittent Stream

0 0.25 0.5 0.75 1
Miles

Data Sources: MassGIS, Town of Boxborough

Table 5. Racial Composition of the 2016-2020 Population

Race	Number	%
Total Population	5,677	100
Hispanic or Latino	206	3.6
One Race	5,488	96.7
White	4,233	74.6
Black or African American	261	4.6
American Indian and Alaska Native	0	0.0
Asian	899	15.8
Asian Indian	348	6.1
Chinese	488	8.6
Filipino	0	0.0
Japanese	13	0.2
Korean	35	0.6
Vietnamese	0	0.0
Other Asian	15	0.3
Native Hawaiian and Other Pacific Islander	0	0.0
Some Other Race	95	1.7
Two or More Races	189	3.3

Source: U.S. Census Bureau, American Community Survey (2016-2020)

Table 6. Language Spoken at Home

Language	Number	%
Population 5 years and older	5,436	100
English only	4,024	74.0
Language other than English	1,412	26.0
Speak English less than "very well"	236	16.7
Spanish	176	3.2
Speak English less than "very well"	33	18.8
Other Indo-European languages	537	9.9
Speak English less than "very well"	26	4.8
Asian and Pacific Islander	556	10.2
Speak English less than "very well"	152	27.3
Other languages	143	2.6
Speak English less than "very well"	25	17.5

Source: U.S. Census Bureau, American Community Survey (2016-2020)

Population Density

There is only one census tract in Boxborough. With an area of 10.4 square miles and a population of 5,506, the overall density is 530 persons per square mile. Table 7 below compares the population density of Boxborough to its neighboring communities.

Table 7. Population Density of Boxborough and Surrounding Communities

Community	Square Miles	2020 Population	Population Per Square Mile
Acton	20.3	24,021	1,183
Boxborough	10.4	5,506	530
Harvard	27.0	6,851	254
Littleton	17.5	10,141	580
Stow	18.1	7,174	396

Source: MAPC Data Center, 2022

Projected Population

In May 2008, MAPC released *MetroFuture: Making a Greater Boston Region*, a new plan for growth and development in Metro Boston through 2030. In support of the MetroFuture planning process, MAPC prepared two sets of population and employment projections: a “current trends” projection and a “MetroFuture” projection.

The current trends projection estimates the number of people and jobs likely to exist if current patterns of growth and development continued to 2030. The MetroFuture projection estimates the number of people and jobs for each community if the recommendations contained in the MetroFuture plan are followed. Under MetroFuture, more growth is directed to areas that are already developed, such as town centers and urban areas. Table 8 shows population projections for Boxborough under both the current trends and the MetroFuture scenarios. Boxborough is projected to grow under both scenarios.

Table 8: MAPC 2030 Population Projections

Year	Population Projection Scenario	Population Projection
2030	Current Trends	5,884
	MetroFuture	5,919

Source: MAPC Data Center

Another important consideration is the growth or decline in certain age groups. Table 9 shows population projections by age groups for the period 2010-2030. It also shows the percentage increase or decrease in these same age groups for 2020-2030, the time period most congruent with the time frame of this plan. The projections show a slightly aging population with the greatest percentage increases in age groups 70 to 74 and 80 to 85 and slight decreases in age groups 15 to 34 and 45 to 59.

Recreational Needs by Age Group

Under the age of five, most recreation is done with parental supervision. This recreation tends to be close to home due to the difficulties of traveling with children. This age group also needs structured preschool programs that focus on teaching basic skills. For older children, adults seek places to take their children for walks. Adults with older children also seek out programs for their children that provide family recreational opportunities.

Adolescents are a difficult age group to serve because they do not like to participate in traditional programs that are structured or involve adult supervision. They prefer programs where they are more

actively involved in determining the activities. Programs that work well for adolescents include rock climbing, adventure programs, skateboarding, hiking, band concerts, cookouts, dances, and sports.

The needs of elderly residents are divided between the younger, more active senior citizens and the frail elderly. The frail elderly generally requires therapeutic recreational services. More active seniors tend to enjoy walking, golf, tennis, and swimming.

The needs of residents with disabilities also varies. Some residents with disabilities can participate in regular recreational programs without any modifications while others may need some assistance.

Depending on the degree of disability, there may also be a need for specific programs geared for that population. Physical barriers are a key factor and will need to be evaluated through the American with Disabilities Act Section 504 process and eliminated in a systematic fashion. Programmatic changes may also be necessary, including training staff on how to work with disabled residents.

Table 9. Population Projections by Age Group: 2010-2030

Age Range	2010	2020	2030	% Change 2020-2030
00-04	380	405	451	11%
05-09	355	353	392	11%
10-14	409	434	458	6%
15-19	325	314	305	-3%
20-24	212	204	188	-8%
25-29	282	316	290	-8%
30-34	350	410	427	4%
35-39	448	437	525	20%
40-44	445	379	432	14%
45-49	516	445	424	-5%
50-54	571	590	524	-11%
55-59	350	435	395	-9%
65-69	122	180	218	21%
70-74	60	111	168	51%
75-79	32	44	75	70%
80-85	23	22	36	64%
85+	12	11	11	0%

Source: MAPC Data Center.
Note: These projections reflect the MetroFuture scenario.

Economic Data

The following information in Table 10 breaking down employment by industry in Boxborough is from the U.S. Census Bureau American Community Survey for 2016-2020. Table 11 indicates the average employment and wages by industry for the town and Table 12 identifies major employers in Boxborough.

Table 10. Employment by Industry 2016-2020

Industry	Estimated Employment	% Employed
Civilian employed population, 16 years and over	3200	100
Agriculture, forestry, fishing, hunting, mining	39	1.22
Construction	30	0.94
Manufacturing	472	14.75
Wholesale trade	156	4.88
Retail trade	461	14.41
Transportation, warehousing and utilities	103	3.22
Information	120	3.75
Finance, real estate, insurance	103	3.22
Professional, scientific, management, administrative	810	25.31
Educational services, health care and social assistance	625	19.53
Arts, entertainment, recreation, accommodation, food service	192	6.00
Other services except public administration	41	1.28
Public administration	48	1.50

Source: U.S. Census Bureau, American Community Survey

Table 11. 2020 Average Employment and Wages by Industry

Industry	# of Establishments	Average Monthly Employment	Average Weekly Wage
Total, All Industries	190	3,654	\$2,903
Construction	13	434	\$1,812
Manufacturing	5	545	\$1,573
Wholesale Trade	10	44	\$3,154
Retail Trade	6	56	\$852
Finance and Insurance	13	125	\$1,314
Professional and Technical	59	1,584	\$4,132
Administrative and Waste Services	18	216	\$995
Educational Services	22	169	\$1,039
Health Care and Social Assistance	16	54	\$691
Arts, Entertainment, and Recreation	8	50	\$585
Accommodation and Food Services	8	100	\$682
Other Services, Except Public Administration	13	39	\$1,053

Source: MA Executive Office of Labor and Workforce Development, April 2022

Table 12. Major Employers in Boxborough

Employer
Campanelli-Trigate Boxborough Sub, LLC
Advanced Micro Devices
Symantec
Vibologics
Arranta Bio
Boxborough Regency
National Testing Services
Veterinary Dental Services
Nashoba Valley Olympiad
Papalia Home Services
<i>Source: Boxborough Town Planner, June 2022</i>

Housing Characteristics

The Census Bureau estimates that in 2016-2020 there were 2,337 housing units in Boxborough. Of the 2,337 units, 2,259 were occupied and 78 were vacant. Of the occupied housing units, 69.9% were owner-occupied and 30.1% were renter-occupied. Tables 13, 14, and 15 provide a detailed breakdown of housing unit types, tenures, and age.

Table 13. Housing Units: 2016-2020

Units in Structure	Number	%
Total Housing Units	2,337	100.0
1 unit detached	1,352	57.8
1 unit attached	114	4.9
2 units	35	1.5
3 or 4 units	28	1.2
5 to 9 units	180	7.7
10 to 19 units	366	15.7
20 or more units	262	11.2
Mobile home	0	0.0
Boat, RV, van, etc.	0	0.0
<i>Source: U.S. Census Bureau, American Community Survey</i>		

Table 14. Housing Tenure 2016-2020

Type	Number	%
Occupied housing units	2,259	100.0
Owner-occupied	1,578	69.9
Renter-occupied	681	30.1
<i>Source: U.S. Census Bureau, American Community Survey</i>		

Table 15. Age of the Housing Stock

Year Built	Number	%
Total Housing Units	2,337	100.0
Built 2014 or later	250	10.7
Built 2010 to 2013	0	0.0
Built 2000 to 2009	208	8.9
Built 1990 to 1999	563	24.1
Built 1980 to 1989	178	7.6
Built 1970 to 1979	742	31.8
Built 1960 to 1969	182	7.8
Built 1950 to 1959	73	3.1
Built 1940 to 1949	51	2.2
Built 1939 or earlier	90	3.9
Source: U.S. Census Bureau, American Community Survey (2016-2020)		

3.4 Growth and Development Patterns

3.4.1 Patterns and Trends

Growth and development in Boxborough are scattered throughout the town with mostly low-density, single-family home development on large lots rather than denser subdivisions. However, there are a few areas of concentrated development. Most of the commercial development can be found adjacent to Interstate 495. MAPC classifies Boxborough as a Country Suburb. Country Suburbs are characterized as having very low density, lots of room to grow, and a distinctly country character. These communities are low density with no significant town center and no compact neighborhoods. There is a significant amount of land that is potentially developable or could be potentially be protected as conservation land. New growth is generally in conventional, low-density subdivisions on vacant land. The population in these towns is generally rapidly growing. The town's long-term development is largely a function of the economy, the zoning bylaw, and the amount of remaining buildable land.

3.4.2 Infrastructure

Transportation

Boxborough's roads are classified as arterials, collectors, and local access roads. The primary arterials are Interstate 495, Route 2, and Route 111. Liberty Square Road, Hill Road, Old Harvard Road, Burroughs Road, Flagg Hill Road, Summer Road, Pine Hill Road, Middle Road, Picnic Street, Davidson Road, Sargent Road, and Littlefield Road are considered collector roads. The remaining roads are local access roads.

The Fitchburg Line of the MBTA Commuter Rail runs through Boxborough, but does not stop in town. The closest Commuter Rail stations are on Foster Street in Littleton and Central Street in South Acton. In September 2016, the Fitchburg Rail Line Improvement Project was completed. This project involved the construction of new stations at South Acton and Littleton and the extension of double track from South Acton to Ayer. These improvements enhance local and regional transportation.

Minute Man Air Field in Stow and Boxborough is a privately owned, public-use airport with facilities to land twin engine planes. The owner of the airport has completed a Master Plan to enable him to apply for federal funds for airport improvements. The owner has completed some runway and safety

improvements. The airfield owns land in Boxborough located in the Heath Hen Meadow subdivision in the clear zone. The clear zone is a trapezoidal area of land recommended by the Federal Aviation Administration (FAA) to be free of all obstructions. A local family is farming some of this land and a seasonal farm stand is also located on the property.

The area towns are served by different Regional Transportation Authorities. Under Executive Order 418, the Town prepared a conceptual plan for bicycles and pedestrians along the Route 111 corridor. The Town also completed the Route 111/Massachusetts Avenue Economic Development Trail Master Plan in 2003. There is limited regional public transportation in the form of a shuttle service available to seniors (60 and older) and the disabled. However, the Boxborough Council of Aging operated van services on Tuesdays, Wednesdays, and Thursdays from 9am-4pm which provided more than 840 rides to older adults and residents with disabilities in 2021.

Water Supply

There is no municipal water supply in Boxborough except for a small system serving Town buildings. There are 24 privately-owned public water supply systems serving housing developments and businesses. The Littleton Water Department provides water to Central Street and the condominiums on Leonard Road. All potable water supplies are from wells. Figure 6 shows the Town's water resources.

For fire protection, the town relies on 20 cisterns and fire ponds located throughout Boxborough as part of a comprehensive town-wide fire protection system. Fire ponds ranging from 60,000 to two million gallons are located along Massachusetts Avenue, Pine Hill Road, Stow Road, Burroughs Road, Old Harvard Road, Paddock Lane, and Beaver Brook Road. An additional fire pond should be developed to the north of Route 111 in a central location.

All other properties rely on private wells for potable water. The Town has a Water Resources Committee (WRC) which studies ways to protect existing and future potential water supplies. The WRC is a cooperative effort between the Board of Health, the Board of Selectmen, the Finance Committee, and the Conservation Commission. The long-term goal of the WRC is to identify and protect sites that might contribute to a future municipal water supply system while promoting long-term water resource management and protection. This Open Space and Recreation Plan includes provisions for protecting undeveloped sites identified with the potential to contribute to a municipal water supply.



Hydrant for fire pond located along Beaver Brook Road.

Sewer

There is no municipal sewerage in Boxborough. This lack of infrastructure makes it challenging for 40B developments, higher density housing, or any commercial development. There are several privately owned and operated wastewater facilities throughout town that serve large commercial sites such as the Campanelli campus, the Boxborough Regency, and 80/90 Central Street, as well as larger condominium developments such as Harvard Ridge, Codman Hill, and Brook Village. These facilities are permitted by the Massachusetts Department of Environmental Protection (MassDEP). In addition, there are smaller (lower flows) privately owned and operated facilities such as those serving Applewood Village condominiums, and several commercial properties that are permitted by the Board of Health.

Solid Waste

There is no municipal residential trash pick-up in Boxborough. Residents may dispose of solid waste through commercial contract services or at the Town's transfer and recycling station on Codman Hill Road which is run by the Department of Public Works. The Town facility is for residential waste only, not commercial waste.

3.4.3 Regulatory Overview

Zoning Bylaw

Boxborough is divided into seven underlying zoning districts with four overlay districts (see Table 16). The underlying zoning districts are shown on Figure 3. The Town has a minimum residential lot size of 60,000 square feet for conventional Approval Not Required (ANR) lots and requires 150 feet of frontage to meet the standards of the Subdivision Control Law. Of the minimum required 60,000 square feet, 20,000 square feet of the lot area must be contiguous upland. These zoning constraints begin to limit the areas for potential new development. The Zoning Bylaw also requires that newly created lots contain a quadrangle which includes 70% of the lot area required for the zoning district. All principal buildings, accessory buildings, structures, wells, and on-site sewage disposal systems must be located within the quadrangle, with the exception of signs, driveways, utility connections, drainage, fences, and lighting. This bylaw was adopted to limit the creation of oddly shaped lots, but also to limit development.

The Town's overlay zoning districts were adopted to help protect natural resources and minimize impacts on the community.

- The Aquifer Protection District limits the types of uses allowed near aquifer recharge areas.
- The Flood Plain District includes all special flood hazard areas within the town designated as Zone A and AE on the Middlesex County Flood Insurance Rate Map (FIRM) issued by the Federal Emergency Management Agency (FEMA). The Flood Plain District is designed to help ensure public safety by reducing threats to life and personal injury as well as to reduce costs associated with flood response and cleanup.
- The Wireless Communication Facilities Overlay restricts where communication facilities can be located. This district helps to minimize adverse impacts of these facilities on residential neighborhoods, encourages the shared use of existing facilities, and limits the overall number and height of facilities.
- In 2019, the Town adopted the Recreational Marijuana Establishments Overlay District, which regulates the types and locations of recreational marijuana establishments. The Town currently has not adopted zoning to allow marijuana facilities, despite the overlay district.

Wetland Bylaw

The purpose of this bylaw is to preserve and protect wetlands by regulating and controlling activities deemed to have a significant effect on their functions and values, including but not limited to a public or private water supply, groundwater supply, flood control, erosion control, protection of land containing wildlife, and other items. Any activity deemed to alter any wetland, or area within 100 feet of any wetland, requires approval from the Town's Conservation Commission.



Demolition Delay Bylaw

The Demolition Delay Bylaw acts to preserve and protect significant buildings which constitute or reflect distinctive features of the architectural, cultural, economic, political, or social history of the Town. No building, or any portion thereof, deemed historically significant by the Historical Commission is permitted to be demolished except in conformance with this bylaw. Any significant building which the Commission determines is in the public interest to be preserved rather than demolished is subject to a 12-month demolition delay period. During this time the Applicant and the Historical Commission must attempt to work out a solution amenable to both parties that results in preservation of some or all of the building.

Scenic Road Bylaw and Stone Walls Bylaw

Together, the Town's Scenic Road Bylaw and Stone Walls Bylaw restrict the cutting and removal of trees and the alteration of stone walls along public ways. According to the Town's Scenic Road Bylaw, 12 roads have been designated as Scenic Roads, and any trees or stone walls located along a Scenic Road cannot be removed until a hearing is held and specific permission is granted by the Planning Board. The intent of the Stone Walls Bylaw is to facilitate the preservation of stone walls and to protect the scenic quality and character of public ways in the Town by regulating the removal, tearing down, or destruction of stone walls and the construction of new stone walls within or on the boundary of Town Ways. Any proposed alteration to a stone wall that is within or on the boundary of the public right of way requires approval from the Planning Board.



Stone wall along Hill Road.

Right to Farm Bylaw

Farming is allowed in every zoning district at any scale, and by a vote of Town Meeting in 2008, the Town created the Agricultural Commission to represent, enhance, and sustain agriculture, farming, and related activities. As part of this mission, the Agricultural Commission helped to establish a Right to Farm Bylaw which encourages the pursuit of agriculture, promotes agriculture-based economic opportunities, and protects farmlands within the Town by allowing agricultural uses and related activities to function with minimal conflict with abutters and Town agencies.

Earth Removal Bylaw

Adopted in 1952, the Town's Earth Removal Bylaw regulates the removal of sand, gravel, loam, or other earth products from any parcel of land. Any person wishing to obtain or renew a permit to remove earth material from a property in Town, or to use any public way within the Town for transporting such material from one part of a property to another part, must receive a Special Permit from the Planning Board.

Stormwater Bylaws

The Town has two Stormwater Bylaws. The *Stormwater Bylaw-Discharges into Storm Drains* (Article 8, Section 1) regulates illicit connections and discharges to storm drains. This Bylaw has regulatory oversight by the Board of Health and is part of the Boxborough Stormwater Management Program. Other components of this program include a Stormwater Management Plan, Operation and Maintenance Plan for Town-Owned Infrastructure, and an Illicit Discharge, Detection, and Elimination Plan.

The *Construction and Post Construction Stormwater General Bylaw* (Article 9, Section 11) establishes minimum stormwater management requirements and procedures for any construction, activities, or land disturbance resulting in total earth disturbances greater than 1 acre of previously undeveloped land. This Bylaw has regulatory oversight by the Planning Board.

Groundwater Protection Regulation

Adopted in 2021, the [Groundwater Protection Regulation](#) is a preventative measure for the purpose of preserving and protecting public and private drinking water quality and to minimize negative public health and environmental effects.

Biological Safety Regulations

The Town's [Biological Safety Regulations](#) are intended to safeguard the health and welfare of Town residents by governing the use of all Regulated Biological Agents within Boxborough. These regulations apply to any institution involved in or in any way undertaking any and all types of research or manufacturing involving Biological Agents in the Town.

Solar Energy Systems – Small-Scale Ground-Mounted and Roof-Mounted Bylaw

The Town adopted this Bylaw at Annual Town Meeting in May 2022 and it is pending review by the Massachusetts Attorney General as of October 2022. This Bylaw is intended to facilitate and provide reasonable regulations for the placement, design, construction, operation, monitoring, modification, removal and recycling of Small-Scale Ground-Mounted and Roof-Mounted Solar Energy Systems that address public health, safety and welfare in accordance with Massachusetts General Law Chapter 40A, Section 3, and which minimizes impacts on scenic, rural, natural and historic community resources. The pending Bylaw can be found [here](#).

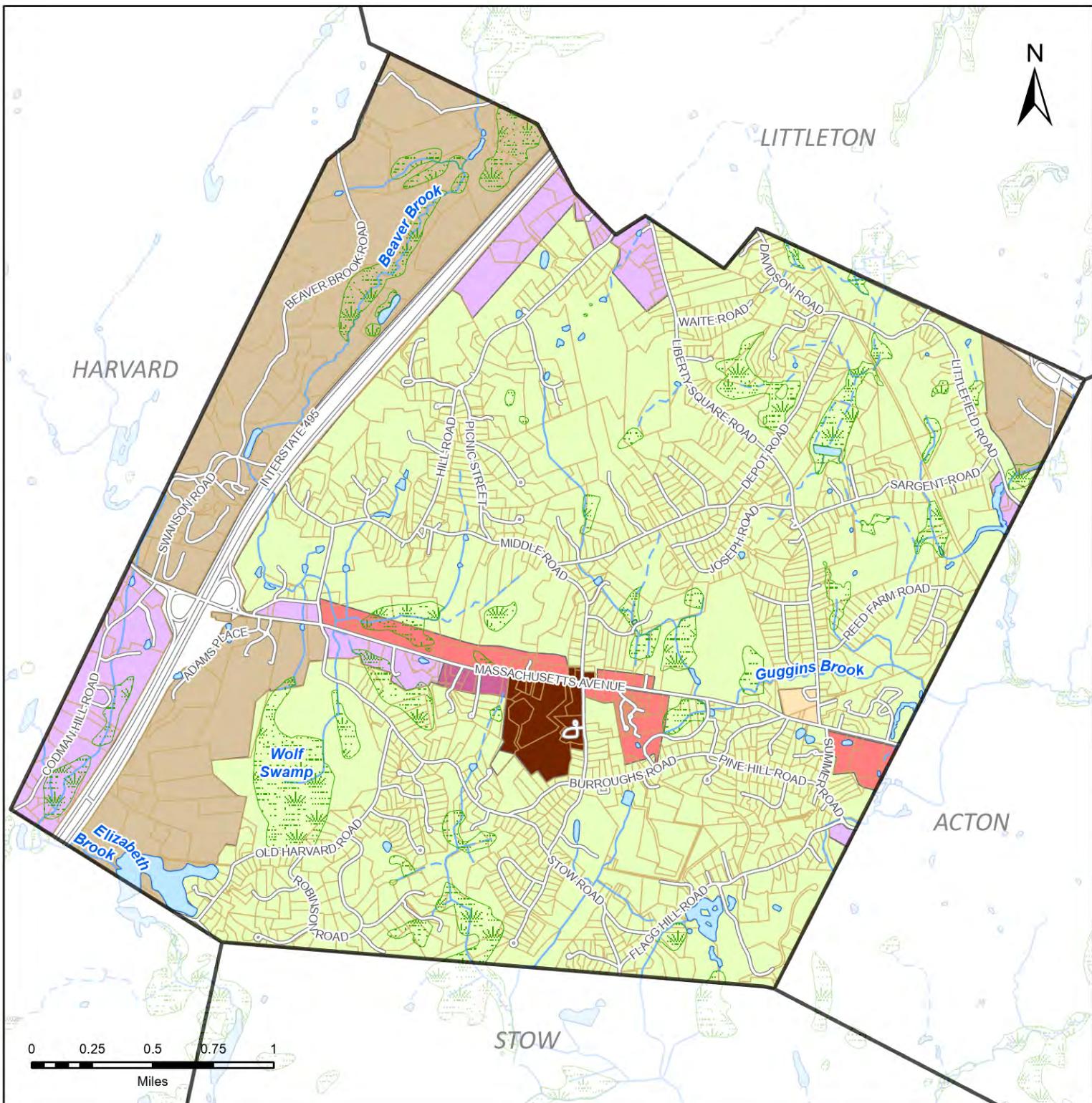


Figure 3
Zoning Map

Boxborough, MA



Comprehensive
Environmental
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Zoning

- Ag-Res
- Business
- Business-1
- Industrial-Commercial
- Office Park
- Residential-1

 Town Center

 Tax Parcels

 Lake, Pond, Reservoir

 Wetlands

 Shoreline

 Perennial Stream

 Intermittent Stream

Data Sources: MassGIS, Town of Boxborough

Table 16. Zoning Districts

Abbreviation	District Name/Description	Min. Lot Size
AR	Agricultural-Residential	60,000 sf
R1	Residential-1	80,000 sf
B	Business	40,000 sf
B1	Business-1	40,000 sf
OP	Office Park	160,000 sf
TC	Town Center	40,000 sf
IC	Industrial-Commercial	80,000 sf
	Aquifer Protection Overlay	
	Flood Plain Overlay	
	Wireless Communication Facilities Overlay	
	Recreational Marijuana Establishments Overlay	

Source: Town of Boxborough Zoning Bylaw, 2021

Recent Major Development Activity

The following major projects in Town have been completed or proposed since 2015:

- **Veterinary Dental Services, LLC:** A veterinary dental office space building with approximately 5,000 square feet with 18 associated parking spaces, sewage disposal, drainage, and grading was completed in 2015.
- **Paddock Estates:** Completed in 2017, this 70-acre project involves 244 multi-family rental dwelling units in 11 buildings, including 61 affordable units. The Estates are complete with associated driveways, drainage facilities, parking areas with 485 parking spaces, club house, maintenance buildings, a private water supply and treatment plant, and a private sewer treatment facility.
- **593 Massachusetts Avenue:** Construction of this two-story building of approximately 8,700 square feet was completed in 2017 and provides trade shop space with 36 parking spaces.
- **Green Street Power Partners, LLC Solar Array:** This 20-acre solar array project was completed in 2018. An approximately 5,000-foot-long roadway and associated wiring, transformers, and fencing were constructed. The solar array produces power for the West Boylston Municipal Lighting Plant.
- **Campanelli Campus:** Cisco (previous owner) was permitted to construct over 1,400,000 square feet of office space in 10 buildings. Only 3 of the 10 buildings have been constructed to date.
- **881 Massachusetts Avenue:** In 2019, this two-story office building with associated 18 parking spaces, sewage disposal, drainage, and grading for landscape services was completed.
- **65-162 Taylor Farm Road:** This completed subdivision included 11 single-family dwelling units on a cul-de-sac on Taylor Farm Road. The development contains a total of 30.61 acres, with 20.38 acres of buildings and 1.94 acres of roadway with 22 parking spaces. This development included an 8.29-acre donation of land to the Boxborough Conservation Commission.

- **Granite Hill, 984 and 996 Massachusetts Avenue and 38 Sara's Way:** Three 2-family dwellings (6 total units of housing) have been approved, although this project is currently under appeal.
- **Enclave Housing Development:** A 50-unit housing development consisting of two-family dwellings reserved exclusively for age-restricted occupancy was constructed in at the intersection of Massachusetts Avenue (Route 111) and Stow Road.



Table 17 provides a listing of the residential and commercial Building Permits that have been issued since 2015.

Table 17. Building Permits Issued

Permit Type	2015	2016	2017	2018	2019	2020	2021
New Construction							
Residential/Single Family	11	14	3	5	5	8	19
Commercial	34	2	1	2	0	0	2
Telecommunications	3	0	2	2	0	0	0
Pools	2	3	1	0	0	4	8
Accessory Buildings	4	17	4	0	0	2	0
Solar	21	2	3	5	2	4	2
Additions/ Alterations							
Residential	125	151	135	136	127	123	154
Commercial	13	4	16	12	20	18	17
Mechanical/ Sheet Metal	8	19	24	12	13	13	19
Demolition	1	6	2	3	1	2	13
Sign	1	3	6	1	3	1	7
Solid Fuel	10	1	8	3	7	4	7
Telecommunications	0	0	0	0	2	0	1
Tent	5	2	7	4	10	3	6
Total Building Permits	238	224	212	185	190	182	255
Source: Town Planner, Annual Town Reports							

4. Environmental Inventory and Analysis

4.1 Geology, Soils, and Topography

4.1.1 Topography and Geology

The topography of Boxborough is varied. The most prominent topographic feature is the ridge that runs in a northeasterly direction roughly from Middle Road, paralleling Interstate 495 into Littleton. Hill Road is the ridge line of this feature from which slopes generally fall off to either side. The ridge divides approximately at Picnic Street and some of the most dramatic topography is created in the three-fingered elongated hills; one is skirted by Picnic Street and climbed by Old Orchard Lane, a second is overridden along its crest by Hill Road, and a third swings westward, more or less parallel to I-495. The elevations of the three hills east to west are 468, 459, and 455 feet above mean sea level. These are the three highest points in the town with the exception of Flagg Hill (465 feet), the second highest point in Boxborough.

The middle ridge is the historic town center. The first meeting house and first Town Hall were located here. The Boxborough Museum and the old Town Common now occupy this site. The western ridge slopes down toward Beaver Brook. I-495 runs along the shoulder of this ridge.

To the east and then curving gradually to the south, the land slopes more moderately from the ridge. Several hills that rise over 400 feet are scattered throughout the southern section of the town. Flagg Hill, the second highest point in Boxborough (465 feet above sea level), is located in the southeast corner of Boxborough. Topography is depicted on Figure 4.

Between Beaver Brook Valley and I-495 is the Boxborough Esker or Ridge Hill. The esker is a ridge formed by gravel deposited by a melt-water stream running through a crevasse in the glacier which covered this area over 15,000 years ago. Ridge Hill is one of the best examples of a preserved esker in New England. The esker is 2½ miles long and at its crest, rises 45 feet above the valley floor.



View of the Boxborough Esker within the Beaver Brook Valley Preserve

4.1.2 Soils

Soils types in Boxborough are depicted on Figure 5. In general, Boxborough's soils are only capable of supporting low intensity development because of septic and building constraints. About 85% of the town is categorized as having severe constraints for septic system disposal. Severe constraints are considered to be one or more of the following: a) shallow depth to bedrock, less than 5.5 feet; b) wetness; c) severe slopes, greater than 15%; and d) hardpan.

Prime farmland soils are federally designated by the Natural Resource Conservation Service (formerly the Soil Conservation Service). These soils have the best combination of physical and chemical characteristics for agricultural crop production and are generally available for that purpose if they have not been developed. State important farmland soils do not meet federal requirements but are nonetheless significant for agricultural production. Locally important farmland consists of soils that are significant based on local knowledge of agricultural use, past or present. For instance, much of Boxborough's land used historically for orchards and pasture is not designated prime or state important farmland because it is too steep, too rocky, or both.

Agricultural use of these areas should be encouraged. Development involving construction of buildings and pavement, soil removal, or significant soil alteration should be discouraged in these areas. Prime and state important agricultural soils are depicted on Figure 5.



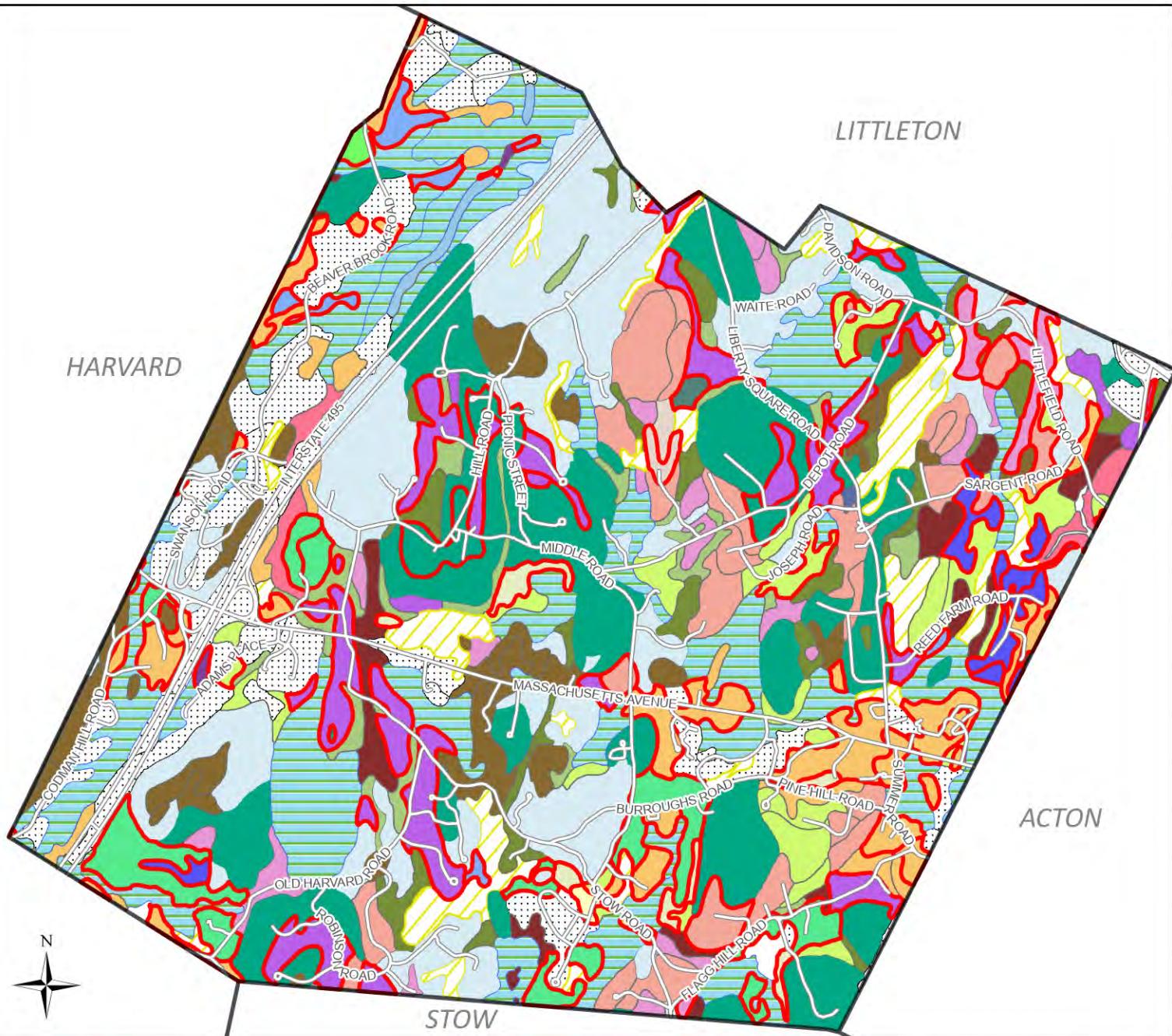
Figure 4
Topographic Map

Boxborough, MA



Comprehensive
Environmental
Incorporated

Data Sources: MassGIS, Town of Boxborough



Prime Farmland	Hinckley loamy sand	Scio very fine sandy loam
Birdsall mucky silt loam	Merrimac fine sandy loam	Scituate fine sandy loam
Canton fine sandy loam	Montauk fine sandy loam	Sudbury fine sandy loam
Carver loamy coarse sand	Narragansett silt loam	Swansea muck
Charlton fine sandy loam	Paxton fine sandy loam	Udorthents, Urban Land and Pits
Charlton Hollis Rock Outcrop	Quonset sandy loam, steep	Wareham loamy fine sand
Hollis Rock Outcrop	Quonset sandy loam	Whitman fine sandy loam
Deerfield loamy fine sand	Ridgebury fine sandy loam	Windsor loamy sand
Freetown muck	Saco mucky silt loam	Woodbridge fine sandy loam
Haven silt loam	Scarboro mucky fine sandy loam	

Figure 5
Soils Map
Boxborough, MA



Comprehensive
Environmental
Incorporated

Data Sources: MassGIS, Town of Boxborough

For more information on these soil types, see:
<https://soilsseries.sc.egov.usda.gov/osdname.aspx>

0 0.25 0.5 0.75 1
Miles

4.2 Landscape Character

The *Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory* describes Boxborough as being located within the central highlands at the headwaters of the Merrimack River and Concord River. As shown in Table 18, the predominant land uses in Town are currently single-family residential (33%) and open land (30%). Although agriculture played a large role in the Town's history, agriculture declined after World War II and now comprises just over 3% of land use.

Residents of Boxborough feel that the rural character of the town is an important asset and that is linked to the farms and open spaces that can still be seen along the many scenic roads. The hilly topography of the town provides many scenic vistas. The stone walls that exist within the town are evidence of historically cleared land and are an important part of the landscape.

Table 18. 2016 Land Use

Land Use	Acres	Area %
Single-family residential	2,203.5	33.1%
Open land	1,995.5	30.0%
Transportation	513.9	7.7%
Industrial	354.3	5.3%
Multi-family residential	255.9	3.9%
Mixed use, primarily residential	251.6	3.8%
Commercial	219.5	3.3%
Agriculture	210.3	3.2%
Mixed use, other	171.6	2.6%
Forest	146.2	2.2%
Mixed use, primarily commercial	123.0	1.9%
Urban public/ Institutional	105.7	1.6%
Recreation	76.6	1.2%
Residential, other	21.7	0.3%
Unknown	0.7	0.0%
Total Area	6,649.9	100%

Source: MassGIS



View to the south along Hill Road.

4.3 Water Resources

Surface Water: Water resources in Boxborough are depicted on Figure 6. Boxborough is primarily within the Sudbury, Assabet, and Concord Rivers (SuAsCo) watershed and partially within the Merrimack watershed. Drainage flows out of Boxborough in all directions; therefore, land use decisions in Boxborough affect water quality in Acton, Littleton, Stow, and Harvard. Surface water flows into Boxborough from two places: 1) Beaver Brook Valley receives run-off from the series of hills in Harvard between Beaver Brook Road and Littleton County Road, and 2) land in Boxborough near the Littleton town line receives surface water from wetlands associated with the Littleton Heron Rookery located just south of Route 2.

All of Boxborough's named brooks, as listed in Table 19, drain eventually via intermediaries into the Merrimack River. Table 19 gives the approximate area of the drainage basins and the percentage of Boxborough's that they comprise.

Table 19. Boxborough Drainage Areas

Basin	Acres	% of Total
Guggins Brook	2,050	30.8
Fort Pond Brook	650	9.8
Inches Brook	140	2.1
Heath Hen Meadow Brook	930	14.0
Beaver Brook	2,340	35.1
Elizabeth Brook	550	8.2
Total	6,660	100.0

Source: Melia, Policies for Future Land Use Development

Boxborough has no lakes or ponds of significant size. However, there are several ponds that provide for recreational opportunities and wildlife habitat. The ponds are as follows:

- Flerra Pond, a ¾-acre pond located at Flerra Meadows.
- Flagg Hill Pond, a 12-acre pond (a majority of this pond is now owned by the Town).
- Eldridge Pond, a 2-acre pond located where Elizabeth Brook widens into a pond.
- Muddy Pond, a 1-acre pond located between the esker and I-495.
- Fort Pond Brook Pond, a 2-acre pond within Fort Pond Brook, on the Acton-Boxborough town line.
- In addition to the ponds listed above, there are fire ponds and cisterns located throughout Boxborough.

Wetlands: Wetlands are distributed rather evenly throughout the town. Larger wetlands include Wolf Swamp, Heath Hen Meadow Brook wetlands, Beaver Brook wetlands, and Guggins Brook wetlands. Wetlands play an important role in the ecology of Boxborough; they filter out sediment, nutrients, and other pollutants from rainwater and road run-off. During periods of flooding and rapid rainfall, wetlands store water and help to reduce flooding. In drier weather, wetlands help to maintain stream flow.

In addition to the Massachusetts Wetlands protection Act, the Town has a local Wetlands Bylaw that establishes a set of criteria for working within the wetlands and the 100-foot buffer of the wetlands. Any activity which creates a land disturbance within the wetlands or within 100 feet of the wetlands requires

an Applicant to receive an Order of Conditions from the Conservation Commission.

Vernal Pools: Vernal pools are small, shallow ponds that do not support fish and that have annual or semi-annual periods of dryness. Vernal pools are very important to a variety of wildlife species. Some amphibians breed exclusively in vernal pools while others spend their entire life cycles in such pools. The Massachusetts Natural Heritage and Endangered Species Program (NHESP) has a program by which vernal pools can be certified based on physical evidence of vernal pool habitat. Certified vernal pools are protected if they fall under the jurisdiction of the Massachusetts Wetlands Protection Act regulations. There are currently 26 certified vernal pools in Boxborough. Lack of certification does not mean that an area does not provide vernal pool habitat, only that the NHESP documentation and certification process has not been completed.

Groundwater: In March 2021, the Boxborough Board of Health adopted a Groundwater Protection Regulation which applies to facilities within the Zone II and Interim Wellhead Protection Areas. This regulation outlines the prohibited activities within these areas that could release pollutants to groundwater resources, as well as the penalties for violations of this regulation. Both Littleton and Acton have municipal drinking water wells which have Zone II areas that extend into Boxborough.

Boxborough has no municipal water systems. Almost the entire town depends on bedrock wells for their water supply. The remaining residents draw their water from one of the town's sand and gravel aquifers. Major sand and gravel aquifers and their recharge areas were delineated by Interdisciplinary Environmental Planning in 1984. The aquifers and their recharge areas are shown below in Table 20. Aquifers that meet the following criteria could be used as a public water supply: a) surficial geologic deposits of proper size and sorting to produce high rates of water movement; b) sufficient saturated thickness of surficial deposits; c) sufficient area recharge; and d) acceptable water quality. Protection of aquifer areas is especially important as it is more economical to preserve water quality than it is to clean a contaminated water source.

Table 20. Boxborough Aquifers

Aquifer Name	Area (Sq. Miles)	Recharge (Million GPD)
Elizabeth Brook	2.25	0.79
Beaver Brook	3.4	1.41
Heath Hen Meadow Brook	1.50	0.49
Guggins Brook	4.29	1.32
<i>Source: Geoscience</i>		

The physical constraints of the town's varied topography and fractured bedrock would make the construction of a town-wide water system prohibitively expensive. Instead, local systems serving a region, or joining with an existing supplier, are more likely to be feasible for a regional water supply.

An Aquifer Protection Overlay Zoning District Bylaw was implemented in 1984. The bylaw prohibits certain uses in the aquifer zone, limits the rate of septic discharge, and sets forth a maximum lot coverage standard.

Water Quality: The Town had previously established a groundwater monitoring program via a cooperative venture with the Littleton Water Department to assess the environmental effects of commercial septic effluent on regional ground water quality. These monitoring activities have since been

lapsed, but the Water Resources Committee (WRC) has continued efforts with the Planning Board to restart them with the goal of identifying the most suitable monitoring wells and working with the owners to resume a regular program of testing. To address the increased salt levels in public water supplies in western Boxborough, the WRC and Littleton Water Department have on-going discussions about various approaches to bringing in new sources of water for this part of Town.

Previous groundwater monitoring activities focused on standard water chemistry and quality. There is now increased information regarding emerging contaminants, such as per- and polyfluoroalkyl substances (PFAS), which should be monitored in water supplies. Therefore, when PFAS were detected in the nearby public water supply well at the United Church of Christ, the WRC worked with DEP to offer free PFAS testing for up to 40 private wells in Town. In addition, all public water supply wells began PFAS testing during October 2021. As of the 2021 Town Report, there have been no reportable PFAS detected in Town.

Additional efforts to protect water quality include the requirement of any applicant developing land in Boxborough to file a hazardous materials plan with the Fire Department. The plan includes a list of all hazardous materials used on the site, the quantities, and where the substances are stored. Also included are procedures to follow in the event of a spill. The hazardous materials plans are used to assist the Fire Department. In the event of a fire, the Department knows whether flammable materials are in the building, and if so, where the chemicals are located. In addition, the hazardous materials plans are compared with water quality reports to determine if chemicals used in or on the premises are being discharged into the groundwater.

Flood Hazard Areas: Flood hazard areas are described in Section 4.8 (Chronic Flooding).



Flerra Pond

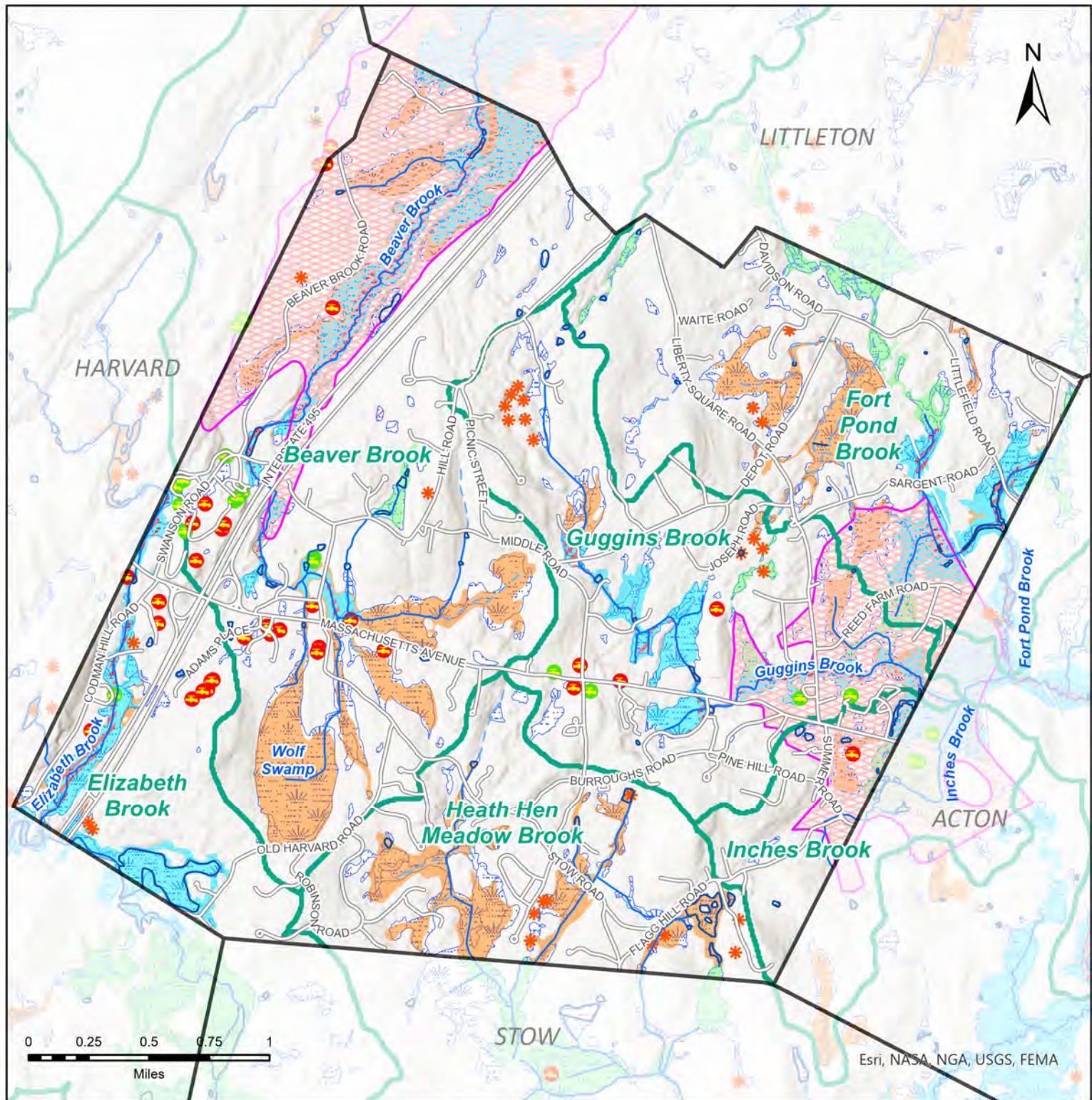


Figure 6
Water Resources Map

Boxborough, MA



Comprehensive
Environmental
Incorporated

Data Sources: MassGIS, Town of Boxborough

2/17/2023

Public Water Supplies (March 2022)

- Community Groundwater Source
- Non-Community Groundwater Source
- Certified Vernal Pools (March 2022)
- DEP Approved Zone II
- Watersheds
- MassDEP Wetlands
- Shoreline

Perennial Stream

Intermittent Stream

FEMA National Flood Hazard

- A: 1% Annual Chance of Flooding, no BFE
- AE: 1% Annual Chance of Flooding, with BFE
- AE: Regulatory Floodway
- X: 0.2% Annual Chance of Flooding

4.4 Vegetation

Boxborough contains forests, meadows, pastures, and wetland vegetation. The majority of the forested areas in Boxborough contain mixed hardwood and softwood forests, with tree heights ranging from 20 feet to 70 feet. Non-forested areas have been cleared for mining, farming, or land development. There is a Beech-Hemlock grove located on the hill above Depot Road and Liberty Square Road and a mature stand of birch trees in the parcel of land donated to the Town by Anne Steele (The Birchwoods). There is also an impressive American Chestnut tree within the right-of-way of Depot Road near Davidson Road.

The Department of Public Works is responsible for undertaking tree work. Due to the number of storms which cause extensive tree damage, the DPW maintains a record of ailing trees and schedules work to ensure that critical tree maintenance work is done to reduce the likelihood of roadway hazards. Table 21 provides a list of the species of public shade trees in Boxborough which are maintained by the Department of Public Works. Public shade trees are protected by the Massachusetts Shade Tree Law at [MGL Ch. 87](#) and defined to include “all trees within a public way or on the boundaries thereof...”. Further protection is provided by the Massachusetts scenic road regulations at [MGL Ch. 40, Section 15c](#), and the associated Boxborough Scenic Road Bylaw (see Section 4.6 of this OSRP).

Table 21. Species Public Shade Trees

American Beech	Red Maple	White Ash
Black Locust	Red Oak	White Birch
Chokecherry	Red Pine	White Oak
Gray Birch	River Birch	White Pine
Pin Oak	Silver Maple	
Red Cedar	Sugar Maple	

In 2005 the Mass Audubon Society Ecological Extension Service, prepared a report entitled “Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, Massachusetts.” The report included a vegetative survey at eight Town-owned properties. Table 22 identifies the commonly found vegetation in town, including those which are considered invasive which are highlighted in **red font**.

Note: The Massachusetts Natural Heritage and Endangered Species Program does not list any rare, threatened, or endangered vegetation species in Boxborough.

Table 22. Common Vegetation Species

alder	high-bush blueberry	silky dogwood
apple species	hog peanut	skunk cabbage
aster species	honeysuckle species*	smartweed
autumn olive*	iris	smooth alder
bayberry	Jerusalem artichoke	smooth sumac
bedstraw	Joe Pye weed	spotted touch me not
bindweed	juniper species	spruce species
black-eyed Susan	late goldenrod	St. Johnswort
buttercup	marsh fern	swamp dewberry
buttonbush	meadowsweet	sweet cicely
Canada goldenrod	moth mullein	sweet vernalgrass
Canada lily	multiflora rose*	tall meadow rue
Canada thistle*	old-field cinquefoil	thistles
cattail	orchard grass	timothy
chokecherry	oriental bittersweet*	toad flax
chokeberry	oxeye daisy	trembling aspen
common buckthorn*	pig weed	vetch species
common cinquefoil	pinks	white birch
common juniper	poison ivy	white campion
common milkweed	pokeweed	white pine
common plantain	purple loosestrife*	wild asparagus
cow vetch	Queen Anne's lace	wild geranium
daisy fleabane	ragweed	wild grape
deadly nightshade	red clover	wild madder
European barberry*	red maple	willow species
glossy buckthorn*	reed canary grass*	winged euonymus*
goatsbeard	rough stemmed goldenrod	wood sorrel
gray birch	rush species	wool-grass
gray dogwood	sedge species	yarrow
hawkweed	selfheal	
hazelnut	sensitive fern	

* Invasive species

Source: Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, MA, Mass Audubon, September 2005

4.5 Fisheries and Wildlife

Although the Town of Boxborough has not completed a town-wide inventory of wildlife, information submitted in environmental impact reports have identified the following mammals: shrew, gray fox, mouse, eastern cottontail, eastern chipmunk, red and gray squirrel, red fox, raccoon, woodchuck, fisher, mink, long-tail weasel, beaver, white tail deer, ground hog, red squirrel, opossum, skunk, coyote, and moose. In addition, many bird species have been identified in Boxborough. The species listed in Table 23 are based on data compiled by the Boxborough Birders over the past fifteen years.

Table 23. Bird Species

American Crow	Eastern Phoebe	Pine Warbler
American Goldfinch	Eastern Screech Owl	Prairie Warbler
American Redstart	Eastern Towhee	Red-bellied Woodpecker
American Robin	Eastern Wood-Pewee	Red-breasted Nuthatch
Baltimore Oriole	European Starling	Red-eyed Vireo
Barn Swallow	Field Sparrow	Red-shouldered Hawk
Belted Kingfisher	Gray Catbird	Red-tailed Hawk
Black-capped Chickadee	Great Blue Heron	Red-winged Blackbird
Blue Jay	Great Crested Flycatcher	Rose-breasted Grosbeak
Blue-gray Gnatcatcher	Great Horned Owl	Scarlet Tanager
Bobolink	Hairy Woodpecker	Song Sparrow
Broad-winged Hawk	Hermit Thrush	Tree Swallow
Brown Creeper	House Finch	Tufted Titmouse
Brown-headed Cowbird	House Sparrow	Turkey Vulture
Canada Goose	House Wren	Veery
Carolina Wren	Indigo Bunting	Warbling Vireo
Cedar Waxwing	Mallard	White-breasted Nuthatch
Chipping Sparrow	Mourning Dove	Wild Turkey
Common Grackle	Northern Cardinal	Winter Wren
Common Raven	Northern Flicker	Wood Duck
Common Yellowthroat	Northern Mockingbird	Wood Thrush
Cooper's Hawk	Northern Waterthrush	Yellow Warbler
Downy Woodpecker	Osprey	Yellow-throated Vireo
Eastern Bluebird	Ovenbird	
Eastern Kingbird	Pileated Woodpecker	



Cedar Waxwing



Belted Kingfisher

Associated with the many wetlands in Boxborough are several areas of Estimated Habitats of State-Listed Rare Wetland Wildlife, which are regulated under the Massachusetts Wetlands Protection Act (310 CMR 10.00). These areas have been identified by the Massachusetts Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program (NHESP) as containing one or more species officially listed as endangered, threatened or of special concern in Massachusetts. Table 24 lists all of the NHESP-listed species that appear in the NHESP database for Boxborough.

Table 24. NHESP-Listed Species in Boxborough

Common Name	State Rank	Most Recent Observation
Blanding's Turtle	T	2017
Blue-spotted Salamander	SC	2009
Eastern Box Turtle	SC	2019
Eastern Meadowlark	SC	2017
Wood Turtle	SC	2002

Source: MA NHESP Website, June 23, 2022



Blanding's turtle

Endangered (E) species are native species which are in danger of extinction throughout all or part of their range, or which are in danger of extirpation from Massachusetts, as documented by biological research and inventory.

Threatened (T) species are native species which are likely to become endangered in the foreseeable future, or which are declining or rare as determined by biological research and inventory.

Special Concern (SC) species are native species which have been documented by biological research or inventory to have suffered a decline that could threaten the species if allowed to continue unchecked, or which occur in such small numbers or with such restricted distribution or specialized habitat requirements that they could easily become threatened within Massachusetts.

In addition to the state-listed species described above, the only federally-listed wildlife species with potential habitat in Boxborough is the Northern Long-Eared Bat (based on screening review conducted through the U.S. Fish and Wildlife Service at <https://ipac.ecosphere.fws.gov/>).

Wildlife Corridors

Wildlife corridors are important because wildlife need access to sufficiently large areas of uninterrupted open space in which to feed and to breed. Corridors are also important because road crossings pose a threat to wildlife survival. River and stream valleys often serve as wildlife corridors as do power line right-of-ways. In Boxborough, particular attention has been paid to the needs of the Blanding's Turtles which have been found on the Campanelli campus/Beaver Brook Valley land adjacent to Beaver Brook Road. There is a turtle fence along the interior roads to ensure that the turtles do not cross the road until they come to the turtle tunnels. There are three such tunnels which allow for safe passage under the road, which were required per Conservation Restrictions on the land when development was proposed.

4.6 Scenic Resources, Unique Environments, and Historical Areas

Boxborough has many cultural, historic, and scenic resources. The rural, winding, stone wall lined roads; the historic houses; the farmlands, open fields and meadows are some of the Town's assets. Particularly scenic viewpoints are the "Cathedral of Trees" along Route 111 creating an archway identified as the hallway of Boxborough, the 25-mile view from the Boxborough Museum, the view of the open field from Whitcomb Road and Hill Road, and the view of Steele Farm and beyond from the intersection of Middle Road and Picnic Street. With the decline of agriculture, however, many scenic vistas are now obscured by trees or may become so.

Twelve Town roads have been designated as Scenic Roads (also shown on Figure 7):

- Burroughs Road
- Hill Road
- Old Harvard Road
- Davidson Road
- Depot Road
- Sargent Road
- Liberty Square Road between Depot Road and Sargent Road
- Littlefield Road between Sargent Road and Depot Road
- Middle Road between Hill Road and Depot Road
- Picnic Street
- Pine Hill Road
- Stow Road

According to the Town's Scenic Road Bylaw, trees or stone walls along a Scenic Road cannot be removed until a public hearing is held with the Planning Board and specific permission is granted. The Town also has a Stone Walls Bylaw which regulates the removal, tearing down, or destruction of stone walls and the construction of new stone walls within or on the boundary of Town Ways.

Other unique resources include the four original one room school houses. Three of the schools have been converted to residences. School # 2 has been restored. Once a year, school children are invited to the school house to experience what it was like to attend one of Boxborough's first schools. The locations of these school houses are shown on Figure 7.

The old carriage roads, the old town center, the old mill sites, and the small pox grave are other examples of historic resources. One old carriage road is used informally as a hiking and bridle trail. The road descends from Hill Road down the southeast slope of the ridge to Depot Road. This road was constructed to connect Littleton with Stow, before Boxborough was incorporated.

Littleton completed the section they were responsible for but Stow never constructed their half. The road was officially abandoned in 1789, six years after the Town of Boxborough was established. The carriage road trail passes near the Boxborough Historical Society's archaeological dig that is at the site of a house



Boxborough District Schoolhouse #2, built in 1857.

occupied in the third quarter of the eighteenth century.

The Boxborough Esker is a unique natural resource. The Boxborough Conservation Trust (BCT) owns property on which a portion of the esker is located and its members conduct guided walks there. There are also walking trails within the BCT's land. The esker is located within the Beaver Brook Valley that has been identified as one of the town's special landscapes. The valley contains Beaver Brook and its associated wetlands, stands of mature trees, and diverse wildlife habitat. Beaver Brook has been nominated as a scenic river under the Massachusetts's Scenic River Program.

There are two entries for Boxborough in the State Register of Historic Places. One is the Boxborough Old Town Center which comprises 72 properties on Hill Road, Middle Road, and Picnic Street. This area is classified as a National Register District, and it was established in December 2006. Also listed is the Levi Wetherbee Farm (Steele Farm) at 484 Middle Road. This site consists of 12 properties which are classified as National Register Individual Properties. It features colonial and federal architecture. The Town continues to update the list of historic properties so that protection of all is incorporated by reference in the bylaws. The Historical Commission is interested in working towards defining and designating the current Town Center as a Historic Place. All of the town's historically significant properties are identified on Figure 8.



The North Cemetery and Rev. Joseph Willard House (c. 1796) are located in the Boxborough Old Town Center.

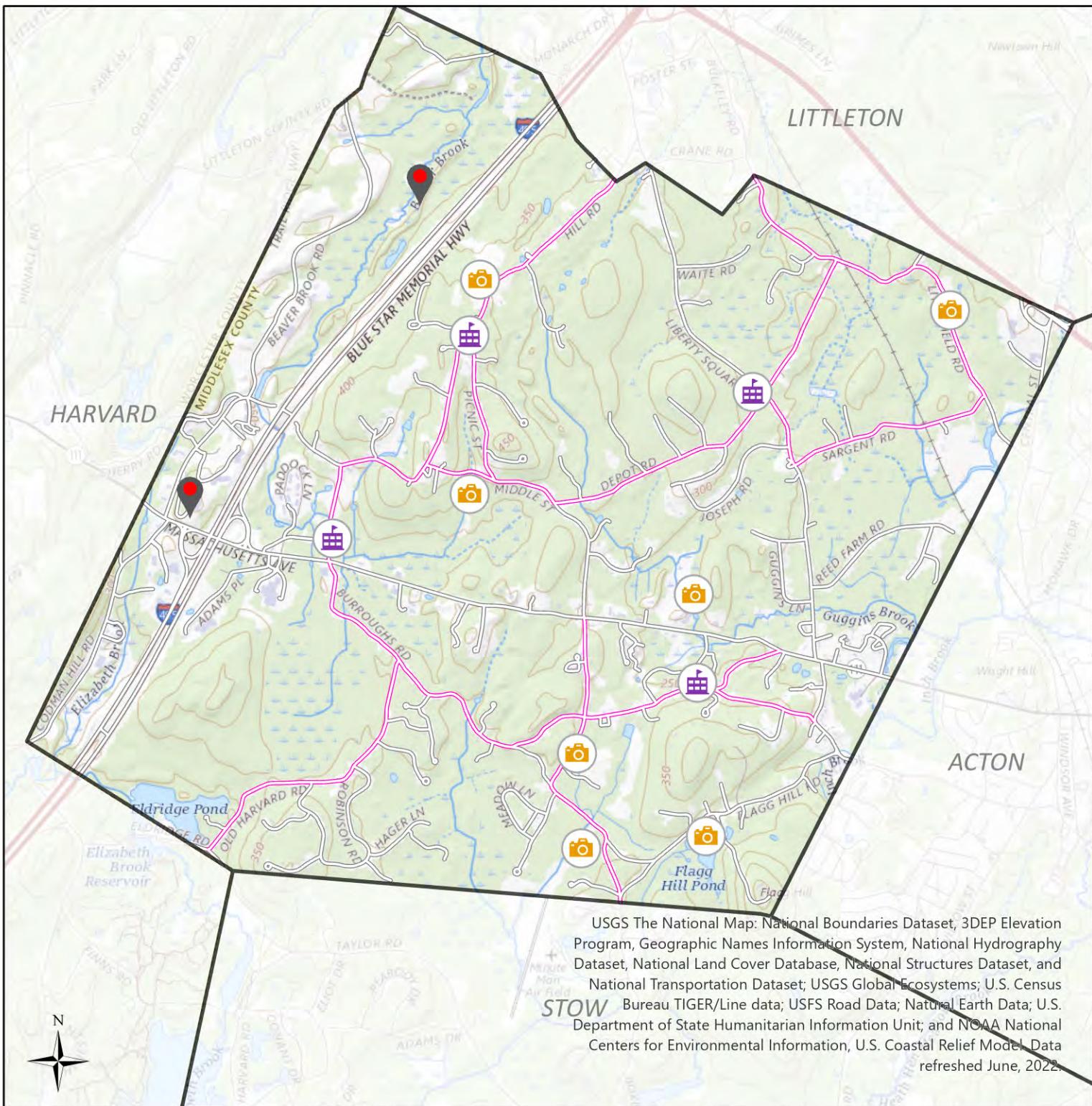


Figure 7
Unique Features Map

Boxborough, MA



Comprehensive
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- Scenic Viewpoint
- Original One-Room Schoolhouse
- Unique Geologic Feature
- Scenic Road

0 0.25 0.5 0.75 1
Miles

Data Sources: MassGIS; Boxborough Town Planner, April 13, 2022

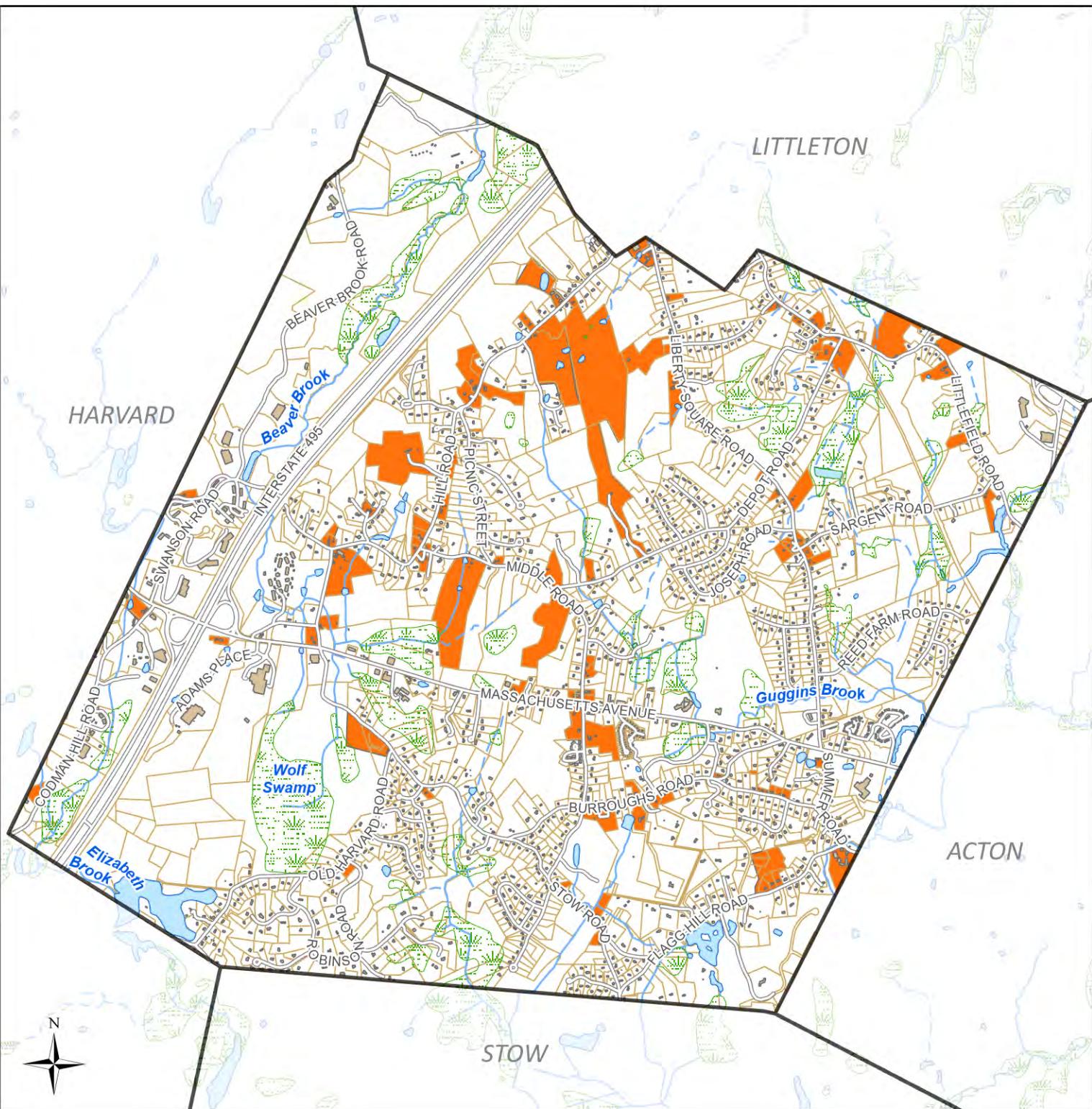


Figure 8
Historic Sites
Boxborough, MA



Comprehensive
Environmental
Incorporated

- Building Footprints
- Historically Significant Properties
- Tax Parcels
- Wetland
- Shoreline
- Perennial Stream
- Intermittent Stream

Data Source: MassGIS, Town of Boxborough

4.7 Agricultural Resources

The town's active farms, expansive woodlands, and rural character are a direct reflection of its early settlement patterns. At its inception, Boxborough was a farming community. Boxborough farmers began transporting their crops in the 1800s to early 1900s to markets in Boston and Worcester. Fruit orchards and dairying were prevalent in Boxborough during the early half of the twentieth century. Gristmills, oil mills, and cider mills were located in town as a result of flax, wheat, and apple farming. Cooper shops and sawmills were also established to build barrels for crops grown and produced in Boxborough.

A few decades ago, Boxborough was frequently described as a rural community. However, there was a dramatic decrease in agriculture in the second half of the twentieth century, and large areas of agricultural land were developed. Today, as in much of Massachusetts, there is a strong interest in agriculture, as indicated by the following:

- The OSRP Working Group added a goal to this plan to preserve farmland and soils for favorable agriculture and to encourage agricultural land uses.
- Boxborough continues to work on restoring the historical farm-scape of Steele Farm.
- MetroFuture, the Regional Master Plan prepared by MAPC, includes strategies for promoting agriculture planning within the region.
- Boxborough was one of eight communities that participated in the Comprehensive Agricultural Planning Program prepared by the MAGIC subregion of MAPC.
- Boxborough established an Agricultural Commission in 2008 and passed a Right to Farm Bylaw in 2012.
- The Town established a second community garden in 2010.
- Boxborough Grange #131 is active, one of 54 in Massachusetts.
- Boxborough holds an annual Harvest Fair.
- Two Boxborough landowners have placed Agricultural Preservation Restrictions (APRs) on their property to protect them permanently for agriculture.
- There are approximately 548 acres currently enrolled in Chapters 61 (forestry land) and 61A (agricultural land). These are lands that are taxed under the Massachusetts Current Use Tax Programs - Chapters 61, 61A, and 61B (recreational land), which restrict the use of land in exchange for reduced tax assessments.
- The Town has worked with the New Entry Sustainable Farming Project to match landowners with farmers seeking land.
- The agricultural community has worked with the Conservation Commission to use goats to help control invasive plant species on Town-owned land.
- The Town helped to found the Acton-Boxborough Farmers Market in 2008.



Ridge Hill Farm

Areas enrolled in Chapters 61 and 61A include the Ridge Hill Farm on Hill Road, the Richardson Farm on Middle Road, and George Krusen's farm on Littlefield Road. Other notable farms in town are Burroughs Farm on Burroughs Road, the Wetherbee Farm on Hill Road, Idylwilde Farm on Sargent Road, the former Pete's Farm on Massachusetts Avenue, and the Delano farm. These farms are indicators of Boxborough's agricultural viability, as well as its potential for future growth. Furthermore, the town's crown jewel, Steele Farm, is a prevalent reminder of the community's strong agricultural roots and its existing farming community.

Home and community gardening is thriving and becoming more prevalent, helping to maintain traditional rural values through local food production and connection to the land. A number of people in town have farms stands and there seems to be an increasing amount of small-scale farming operations as well. The town continues to nurture its agrarian traditions in a modern high- tech world and it is believed this contributes positively to community values and the quality of life in Boxborough. It is envisioned that the Town will continue to promote and foster these traditional values through appropriate protection of land and practices for local food production.

Open expanses of non-farm land contribute to the town's rural feeling. Although commercial farming has declined for some time, Boxborough over the years has wisely taken steps to protect large parcels of land through acquisitions for conservation, recreation, and municipal uses. These open parcels of land comprise uplands, forests and meadows, wetlands, and water bodies.

Boxborough is fortunate to have the Boxborough Conservation Trust (BCT), a private organization that actively supports land conservation and preservation. It is envisioned that, within the limits of affordability and the protection of land for conservation and recreation, agriculture will continue in the community.

4.8 Environmental Challenges

Hazardous Waste Sites

As with most communities, Boxborough has a number of hazardous waste sites. Most of these sites are considered non-priority by MassDEP and are being cleaned up by the private sector under Chapter 21E of the Massachusetts General Laws. As of June 23, 2022, there are 43 sites listed in the State's database that are in Boxborough. Approximately half of these are oil spills associated with gas stations, apartment buildings, and other commercial properties. These sites are listed in Table 25. Acronyms used in Table 25 for Compliance Status and Response Action Outcome (RAO) Class are as follows:

Compliance Status:

- Permanent Solution with No Conditions (PSNC)
- Response Action Outcome (RAO)
- Release Tracking Number Closed (RTNC)
- Waiver Completion Statement: pre-1993 (WCSPRM)
- Tier ID: A site/release where the responsible party fails to provide a required submittal to DEP by a specified deadline.

RAO Class

- A1: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
- A2: A permanent solution has been achieved. Contamination has not been reduced to background.
- B1: Remedial actions have not been conducted because a level of No Significant Risk exists.
- PN: Permanent Solution with No Conditions (unrestricted use)

Table 25. List of Hazardous Material Releases

Release Address	Site Name/ Location Aid	Notification Date	Compliance Status	RAO Class	Chemical Type
1425 Massachusetts Ave	Former Exxon Station 3-5805	01/15/1987	PSNC	PN	Oil and Hazardous Material
Summer Rd	Joyce Industrial Park	07/15/1988	RAO	PN	Oil and Hazardous Material
Whitcomb Ave	Chu Associates Inc	07/14/1992	WCSPRM		
Swanson Rd	Mhd Facility 30	12/28/1993	RAO	A1	Oil
Stow Rd	Ne Of Minute Air Field	02/28/1994	RAO	A1	Oil
1425 Massachusetts Ave	Exxon Station	06/22/1994	RTN CLOSED		Hazardous Material
62 Massachusetts Ave	Nashoba Vly Olympia Skating Rink	08/02/1994	RAO	A1	Hazardous Material
34 Massachusetts Ave	Nashoba Vly Olympia	09/22/1995	RAO	A2	Oil
Swanson Rd	Mhd Facility 30	11/03/1995	RAO	B1	Hazardous Material
871 Massachusetts Ave	871 Ma Ave	01/24/1997	RAO	A2	Oil and Hazardous Material
1425 Massachusetts Ave	Exxon Sta	05/27/1997	RTN CLOSED		Oil
Rte 495	Off Ramp Exit 28	07/09/1998	RAO	A2	Oil
Swanson Rd	Mhd Facility 30	09/30/1998	RAO	A1	Oil
Rte 495	Rte 495 S At Exit 28	03/07/2000	RAO	A1	Oil
Littleton County Rd	Map 4 Lot 173.17a	05/22/2000	RAO	B1	Hazardous Material
Massachusetts Ave	Roadway Release	06/16/2000	RAO	A2	Oil
81 Cunningham Rd	New Blue Hills Saugus Realty Trust	06/30/2000	DPS		Hazardous Material
60 Codman Hill Rd	Ennovate Inc	08/14/2000	RAO	A1	
Rte 495	Rte 495 S	09/26/2000	RAO	A2	Oil
1425 Massachusetts Ave	Exxon Sta	03/09/2001	RAO	A1	Oil
1146 Massachusetts Ave	JF Lomma Trucking Inc	03/22/2001	RAO	A2	Oil
1425 Massachusetts Ave	Former Exxon Mobil Station	06/19/2002	RTN CLOSED		Hazardous Material
1425 Massachusetts Ave	Former Exxon Station	06/27/2003	RTN CLOSED		Hazardous Material
Rte 495 N	Ups Roadway Release	12/12/2003	RAO	A1	
Whitcomb Rd	Impacted Residences	04/01/2004	RAO	A2	Hazardous Material
462 Hill Rd	Francis And Emilie Coolidge	12/09/2004	TIER1D		Hazardous Material
Rte 495 Northbound	Scott W. Graziano Trucking Corp	01/06/2005	RAO	A2	Oil
233 Summer Rd Bldg 3B	Robinson Marine Inc	12/04/2006	RAO	A2	
Rte 495 N	Con Way Freight Inc	03/02/2007	RAO	A2	Oil
Swanson Rd	Harvard Ridge Condominiums	03/26/2007	RAO	B1	Hazardous Material
Rte 495 N	FedEx Ground Roadway Rel	09/05/2007	RAO	A1	Oil
1425 Massachusetts Ave	Verc Boxborough Exxon	02/03/2009	RAO	A2	Oil
60 Codman Hill Rd	Industrial Park	02/23/2009	RAO	A1	
60 Codman Hill Rd	Industrial Park	03/18/2009	RAO	A1	Oil
Rte 495 South	Milk Tanker Accident	03/11/2012	RAO	A2	Oil
245 Mass Ave	Gulf Gas Station	04/07/2012	RAO	A1	Oil
1300 Massachusetts Ave	Business Complex	10/29/2015	PSNC	PN	
495 South	Roadway Release	04/11/2017	PSNC	PN	
1220 Liberty Square Rd	Coutts Specialty Foods	08/25/2017	PSNC	PN	
29 Middle Rd	Boxborough Town Hall	04/21/2021	UNCLASSIFIED		
Near 30 Middle Rd	Boxborough Town Center	04/29/2021	UNCLASSIFIED		
Swanson Rd	Swanson Rd and Beaver Brook Rd Area PFAS	11/18/2021	UNCLASSIFIED		
I-495N @ MM 76.4	Roadway Release	03/28/2022	PSNC	PN	

Source: MA Department of Environmental Protection, June 23, 2022

Development Impact

Past, present, and future development all have an impact on the environment of Boxborough. Past developments may have been developed according to older zoning and environmental regulations which were less stringent than today's development standards. The present levels of impervious development contribute to stormwater runoff issues which affect the town's water bodies. Future development is required to meet the higher regulatory standards of the Boxborough Stormwater Management Program, but can be in locations that are less desirable for development since easily developed properties tend to be developed first. Development impacts include erosion and sedimentation, stormwater runoff, loss of wildlife habitat, and changes in the landscape character of the town.

Forestry Issues

As listed in Table 18, Boxborough has 146.2 acres of forested land. The majority of the forested areas in Boxborough contain mixed hardwood and softwood forests, with tree heights ranging from 20 feet to 70 feet. Non-forested areas have been cleared for mining, farming, or land development, however, much of the land used historically for farming is now forested or developed. As discussed in Section 4.4, the Department of Public Works is responsible for undertaking tree work on Town land and ways. Due to the number of storms that cause extensive tree damage, the DPW maintains a record of ailing trees and schedules work to ensure that critical tree maintenance work is done to reduce the likelihood of roadway hazards. Along Town roads, the Boxborough DPW coordinates tree maintenance with the Littleton Electric Light Department which maintains the tree canopy around their power lines.

As noted in Table 32 (OSRP Five-Year Action Plan) a recommended action of this OSRP is to review and potentially incorporate model by-laws for climate resiliency and nature-based solutions to protect natural resources, such as a tree clearing bylaw.

Vegetative Invasive Species

In 2005 the Mass Audubon Society Ecological Extension Service, prepared a report titled "*Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough, Massachusetts*." The report included a vegetative survey at eight Town-owned properties. Table 22 lists the invasive species that were found. The Conservation Commission webpage has information about the most common invasive species including information about how to manage them.

Environmental Equity

Environmental equity refers to the distribution of open space in the community and whether there is a lack of resources in any particular area of the town. The majority of protected open space in Boxborough is conservation land with trails. These areas are well distributed throughout the town. There are three key properties that are developed as parks with recreational facilities: Flerra Meadows, Liberty Fields, and Fifer's Field. Flerra Meadows is located south of Route 111 on Stow Road, Liberty Fields is north of Route 111 on Liberty Square Road, and Fifer's Field is in northwestern Boxborough on Beaver Brook Road. Fifer's Field is located within an Environmental Justice block group location. If additional recreational facilities are developed in the future, consideration should be given to where current and future population growth is anticipated.

Landfills

There are currently no landfills in the Town of Boxborough. The Town's former landfill on Codman Hill Road has been capped and is now the site of the Town's transfer station where solid waste and recycling is collected and disposed of out of town.

Erosion and Sedimentation

Erosion in Boxborough is primarily due to construction activity. Sedimentation is primarily caused by road runoff and construction related earth disturbances. These can be minimized by adherence to environmental regulations, including the Boxborough Construction and Post Construction Stormwater General Bylaw. This Bylaw regulates any construction, activities, or land disturbance resulting in total earth disturbances greater than 1 acre of previously undeveloped land.

Chronic Flooding

As noted in the [2021 Boxborough Community Resilience Building Workshop - Summary of Findings](#), many of Boxborough's roads flood due to low spots and/or proximity to surface waters, wetlands, and floodplains. This flooding is expected to increase with climate change. Many problem areas have already been identified by the town including a key transportation corridor, Route 111, a state-owned road managed by MassDOT. The following locations were identified in the above-referenced report as areas of concern related to localized flooding at road low points:

- Littlefield Road near Central Street;
- Depot Road near Wildlife Management Area and intersection with Liberty Square Road;
- Davidson Road;
- Burroughs Road near Wolf Swamp;
- Sargent Road
- Near intersection of Hill Road and Cunningham Road;
- Route 111 crossing of Elizabeth Brook;
- Near intersection of Hill Road and Barteau Lane;
- Northern end of land near Cisco campus, near border with Harvard Sportsman's Club;
- State-owned road Route 111 historically floods due to low spots in road. MassDOT and the Town are improving sections of the road and installing a sidewalk. Once work is complete, an additional assessment of other low spots should be conducted.
- Road flooding may limit access to the transfer station on Codman Hill Road as there is only one access road.

The above-referenced report recommended that the Town conduct a town-wide stormwater study to assess and further prioritize areas for re-design and retrofit to minimize flooding. The study should build off the current culvert assessment and include areas of flooding due to low spots in the road. A focus should be placed on major egress and collector roads, including Route 111.

Ground and Surface Water Pollution (point and non-point)

In the 2021 Town Report, the Water Resources Committee (WRC) noted the concern of PFAS in the nearby public water. Quarterly testing of the private (but Town-owned) wells at Town Hall and the DPW building for PFAS has been initiated starting May 2021. In addition, there are very high concentrations of sodium in the western portion of town. There are also issues related to alkalinity, hardness, and sodium in many other areas of town. The WRC is working to restart groundwater monitoring programs to monitor these parameters.

Climate Change

Climate warming is affecting Boxborough with heat waves and longer droughts, excessive torrential rain, increases in hurricanes, microbursts (mini-tornadoes), and minimal snow cover. The Town is taking steps to offset vulnerabilities regarding culverts, roads, and municipal energy consumption.

The Town completed a Massachusetts Municipal Vulnerability Program (MVP) Planning Grant Project in 2021. The goal of this project was to have community stakeholders work collaboratively to complete a climate change and natural hazard vulnerability assessment and develop prioritized actions to address vulnerabilities and improve strengths. Upon completion of the planning project, Boxborough became an “MVP Community” and is now eligible to apply for state [MVP Action Grant](#) funding.

The complete project report can be viewed at:

<https://www.mass.gov/doc/boxborough-final-report/download>



Aquatic Connectivity

Concern has been expressed about multiple culverts that have been identified as barriers to aquatic connectivity. An initial culvert assessment has been conducted by the [North Atlantic Aquatic Connectivity Collaborative](#).

Greenhouse Gas Emissions

The 2021 Community Resilience Building Workshop participants expressed concern about the need to reduce greenhouse gas emissions from town-owned vehicles and facilities. Multiple energy audits of town buildings have been conducted.

Other Environmental Issues

A number of other environmental issues surfaced during meetings related to this Plan. These issues are generally outside the scope of traditional open space and recreation plans, but are valid concerns that deserve to be acknowledged. One of these issues was the rate of recycling in the town and whether the Plan should set a goal for recycling. Another was the need to support pollinators such as bees in light of their importance to the overall ecological health of the town.

5. Open Space, Conservation, and Recreation Lands

The first step in being able to make decisions about future needs for open space and recreation is to have an accurate accounting of existing lands. Table 26 is an inventory of all conservation, open space, and recreation lands, both publicly and privately owned. Information on ownership, management responsibility, level of protection, and a brief description of the property are part of this inventory. The areas shown in Table 26 are depicted on Figure 9.

What is Open Space?

Open space has many different definitions and can mean different things to different people. What is considered open space in a suburban or rural community can be very different from what is considered open space in an urban community. The Open Space and Recreation Planner's Workbook defines open space as "conservation land, forested land, recreation land, agricultural land, corridor parks and amenities such as small parks, green buffers along roadways or any open area that is owned by an agency or organization dedicated to conservation." A broader definition of open space can and should include undeveloped land with conservation or recreation potential. Another very important way of looking at and defining open space relates to its status as protected or unprotected. The definition of open space used in this Plan is the broader definition.

Open space and parks are critical to the quality of life in a community and provide a wide range of benefits. Access to parks can contribute to public health, enhanced property values, and improved environmental quality including air quality, water quality, and the mitigation of urban heat island effects. Public health benefits include reducing the incidence of childhood obesity by providing safe places for kids to be active. They can also serve as important meeting places for neighbors to get to know one another.



Flerra Meadows

Levels of Protection

For planning purposes, it is important to be aware of the degree of protection for each parcel. Knowing the level of protection (or lack thereof) will point out how easily some properties we assume to be open space can be developed. This knowledge will help in identifying those open space and recreation areas that may need additional effort for their preservation and protection.

In order for the inventory to be included as an update to the Mass GIS database, the following designations regarding level of protection will be used.

Protected in Perpetuity

Mass GIS considers a parcel to be protected “In Perpetuity” if it is recorded in a deed or other official document. Land is considered protected in perpetuity if it is:

- Owned by the Conservation Commission.
- Subject to a conservation restriction in perpetuity.
- Owned by one of the State’s conservation agencies (thereby covered by Article 97).
- Owned by a non-profit land trust.
- If the municipality received federal or State assistance for the purchase or improvement of the property.
- Private land with a deed restriction in perpetuity or a conservation restriction.

The Massachusetts Division of Conservation Services “*Open Space and Recreation Planner’s Workbook*” also includes in this category land that is owned by the Parks and Recreation Department.

Temporary Protection

The MassGIS definition of “temporary protection” is land that is legally protected for less than perpetuity (i.e., short term conservation restriction) or temporarily protected through an existing functional use. These lands, such as Chapter 61, 61A, or 61B properties, could be developed for other uses when their temporary protection expires or when their functional use is no longer necessary. In general, this includes all land owned by other municipal departments or commissions including school properties and lands managed by the Town for non-recreational purposes.

Limited

The MassGIS definition of limited protection includes land protected by legal mechanisms other than those listed above or protected through functional or traditional uses. These lands might be protected by a requirement of a majority municipal vote for any change in status. This designation also includes lands that are likely to remain open space for other reasons (e.g., cemeteries and municipal golf courses).

None

This category includes land that is totally unprotected by any legal or functional means. This land is usually privately owned and could be sold without restriction at any time for another use.

Overview of Open Space in Boxborough

Conservation Commission

The Conservation Commission manages approximately 827 acres of land which are identified in Section I of Table 26. Many of these parcels include trails and the Boxborough Land Stewardship Committee (a subcommittee of the Boxborough Conservation Commission) publishes a [trail guide](#) with trail maps and information about each parcel.

Recreation Parcels

Three key properties are developed as parks with recreational facilities: Flerra Meadows, Liberty Fields, and Fifer's Field. Flerra Meadows is located south of Route 111 on Stow Road, Liberty Fields is north of Route 111 on Liberty Square Road, and Fifer's Field is in northwestern Boxborough on land donated by the Campanelli-Trigate Boxborough Sub, LLC. A fourth property (Landry land on Summer Road) is being considered for development of a softball field. See Table 26 for more details on these properties.

The Boxborough Recreation Commission recently developed a master plan for improvements to Liberty Fields, including providing a paved, accessible walking path with a direct connection to existing hiking trails on the adjacent Patch Hill Conservation Land.



Liberty Fields

Boxborough Conservation Trust (BCTrust)

BCTrust is an all-volunteer non-profit trust dedicated to preserving undeveloped land in Boxborough. The Trust was created in 1997 and works with local land owners to explore opportunities for land conservation and sponsors educational programs for town residents on the resources and benefits of land protection. The BCT owns and manages several parcels of land in town as listed in Table 26, including the Beaver Brook Valley Preserve, Inches Woods, Elizabeth Brook Knoll, Grady Conservation Preserve, and Shurtleff Woods.



Sudbury Valley Trustees (SVT)

SVT is a staffed, regional land trust that works to protect natural areas and farmland for wildlife and people in the 36 communities that surround the Sudbury, Assabet, and Concord Rivers, including Boxborough. SVT owns Half Moon Meadow Brook (40 Littleton Road/2.7 acres) and holds Conservation Restrictions on specific parcels including Elizabeth Brook Knoll (51% owner/Conservation Commission 49% holder) and 95/105 Sargent Road.

Conservation Restrictions

Boxborough has 432 acres of land with conservation, open space, agricultural, or historical restrictions, as listed in Table 27 and depicted on Figure 9.

Agricultural Preservation Restrictions (APRs)

This is a State program which is intended to offer a non-development alternative to farmers and other owners of prime and state important agricultural land. The program offers to pay farmland owners the difference between the fair market value and the agricultural value of their farmland in exchange for a permanent deed restriction which precludes any use of the property that will have a negative impact on its agricultural viability. There are two properties with one or more APRs in Boxborough. These are the Delano property on Hill Road (Wetherbee Lane) and Burroughs Farm on Burroughs Road, both of which are listed in Table 27. An APR is generally considered a specialized type of conservation restriction.

Chapters 61, 61A, and 61B

Boxborough has 817.7 acres enrolled in Massachusetts General Laws (MGL) Chapters 61, 61A, and 61B, representing approximately 12.3% of the town's land area. These properties are listed in Table 28 and displayed in Figure 10. These are lands that are taxed under the Massachusetts Current Use Tax Programs – Chapters 61, 61A, and 61B, which restrict the use of land in exchange for reduced tax assessments. These are not permanent restrictions and must be applied for each year. The property owner incurs a penalty for most changes in use. For most sales, the Town holds a right of first refusal. Chapter 61 refers to managed forest land, Chapter 61A refers to agricultural land, and Chapter 61B refers to private recreation land. These lands offer scenic pastoral views of agricultural and productive woodlands. Some of the examples of the farms under this program are the Ridge Hill Farm owned by Ruth and Donald Morse on Hill Road and George Krusen's Farm on Littlefield Road. These farms are indicators of Boxborough's agricultural viability, as well as its potential for growth. The land in Boxborough which is part of Minute Man Air Field is an example of private recreation land that is under Chapter 61B of the program and there are other properties in town which fall under Chapter 61 (managed forest land).

Lands of Open Space, Conservation, Agriculture, and Recreation Interest

The Town has identified 21 sites (totaling 711.65 acres) that it has deemed to have open space, conservation, agriculture, and recreation potential. These properties are listed in Table 29 and shown on Figure 11 (Five-Year Action Plan Map, see Section 8). This list was developed and prioritized by the Conservation Commission, with review and input from other Town Boards and Commissions including the Planning Board, Agricultural Commission, and the Recreation Commission, and Board of Health.

Table 26. Inventory of Open Space, Conservation, and Recreation Facilities

Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
I. Conservation Land											
Beaver Brook Meadows	61 Rear Meetinghouse Lane (08-042-000)	Town	Cons. Comm.	3.99	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded, with trail	Hiking, horseback riding, XC skiing	Good
Beaver Brook Meadows (Livermore Land)	125 Hill Road (08-024-000)	Town	Cons. Comm.	31.52	Town and State (Local Acquisitions for Natural Diversity Program)	Agricultural-Residential	Article 97	Yes	The hay fields are being mowed to prevent reversion to forest, access trail along edge	Hiking, horseback riding, XC skiing	Good
Beaver Brook Meadows (Whitcomb Land)	397 Hill Road (08-034-000)	Town	Cons. Comm.	0.41	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded with trail	Hiking, horseback riding, XC skiing	Good
Biotti Land	88 Joseph Road (10-086-000)	Town	Cons. Comm.	7.01	Gift of Land	Agricultural-Residential	Article 97	No	Mostly wet	None	Fair
Biotti Land	230 Joseph Road (10-074-000)	Town	Cons. Comm.	0.36	Gift of Land	Agricultural-Residential	Article 97	No	Private driveway on parcel.	None	Fair
Colonial Ridge	15, 41, and 52 Colonial Ridge Drive and 99 Rear Liberty Square Road (05-096-000, 05-094-000, 05-098-000, and 05-116-000)	Town	Cons. Comm.	12.81	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	Walking trail	Good
Deck House Lot	98 Stonehedge Place (20-057-000)	Town	Cons. Comm.	0.97	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded	None	Fair
DiBiase Land	100 Liberty Square Road (15-007-000)	Town	Cons. Comm.	6.11	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded wetlands. Guggins Brook runs through it.	None	Fair
Half Moon Meadow	336 and 354 Sargent Road (10-136-000 and 10-134-000)	Town	Cons. Comm.	1.84	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet, may provide future linkage	Walking trail	Good
Hartwell Land	665 Liberty Square (10-008-000)	Town	Cons. Comm.	10.34	Gift of Land	Agricultural-Residential	Article 97	Yes	Wildlife sanctuary. Cut-a-Cord program held here.	Walking trail	Good
Flerra Meadows	400 Stow Road (19-133-000)	Town	Cons. Comm.	35.43 (5.0 active)	N/A	Agricultural-Residential	Perpetuity	Yes	Ball fields, picnic tables, playground, trails, meadow	Already developed for baseball/soccer	Excellent

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Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition
Have Not Pond (Delano)	670 Hill Road (03-018-000)	Town	Cons. Comm.	21.97	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded with trail. Land connects Fisk land and Betty White land	Mountain biking, hiking	Fair
Have Not Pond (Delano)	115 and 115 Rear School House Lane and 670 Rear Hill Road (03-025-000, 03-019-000, and 03-016-000)	Town	Cons. Comm.	6.22	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded with trail	Biking, hiking	Fair
Have Not Pond (Fisk Land)	110 Rear Barteau Lane (08-087-000)	Town	Cons. Comm.	16.19	Gift of Land	Agricultural-Residential	Article 97	Yes	Trails, abuts High Pasture open space	Hiking, XC – skiing	Good
Have Not Pond (High Pastures Land)	95 and 95 Rear Barteau Lane and 394 Hill Road (08-059-000, 08-058-000, and 08-051-000)	Town	Cons. Comm.	24.14	Gift of Land	Agricultural-Residential	Article 97	Yes	Trails, land abuts Fisk land, Delano land, and Hager land. Contains ponds and fields	Hiking, XC – skiing, horseback riding	Good
Heath Hen Meadow	115 Rear Hager Lane (19-007-000)	Town	Cons. Comm.	7.14	Gift of Land	Agricultural-Residential	Article 97	Connects to Flannery land	Mostly wet	Hiking	Poor
Heath Hen Meadow (Flannery)	786 Burroughs Road (19-006-000)	Town	Cons. Comm.	20.49	Gift of Land	Agricultural-Residential	Article 97	Yes	Wooded with trails Access through pedestrian easement off of Mayfair Drive	Hiking,	Fair
Heath Hen Meadow (Flannery Land)	177 Rear Tamarack Lane (19-009-000)	Town	Cons. Comm.	20.30	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet	No	Fair
Heath Hen Meadow (Sylvan Springs)	44 Rear Robinson Road (18-110-000)	Town	Cons. Comm.	5.03	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet	No	Fair
Hilberg Land	1164 Rear Hill Road (02-011-000)	Town	Cons. Comm.	10.59	Gift of Land	Industrial-Commercial and Agricultural-Residential	Article 97	No	Upland, land locked parcel	No	Fair
Indian Meadow (Barker Place)	234A Depot Road (05-058-000)	Town	Cons. Comm.	2.53	Gift of Land	Agricultural-Residential	Article 97	Yes	Passive recreation, mostly wetlands, connects to other conservation land	Hiking	Poor
Indian Meadow (Rubin Land)	535 Liberty Square Road (10-157-000)	Town	Cons. Comm.	10.82	Gift of Land	Agricultural-Residential	Article 97	Yes	Short trail	Hiking	Fair

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Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/ Description	Rec. Potential	Condition
535 Rear Liberty Square Road (10-194-000)	Town	Cons. Comm.	23.04	Gift of Land	Agricultural-Residential	Article 97	Yes	Wildlife habitat, mostly wet	Hiking	Fair
398 Rear Depot Road (05-067-000)	Town	Cons. Comm.	11.97	Gift of Land	Agricultural-Residential	Article 97	Yes	Mostly wet, some upland area. Links to other conservation parcels	Hiking	Fair
345 Rear Sargent Road (10-195-000)	Town	Cons. Comm.	9.98	Purchased for \$30,000 in 2015	Agricultural-Residential		Yes	Landlocked. Wooded upland.	Hiking	Fair
10 and 351 Rear Littlefield Road (11-048-000 and 11-039-000)	Town	Cons. Comm.	1.23	Gift of Land	Industrial-Commercial	Article 97	Yes-through 10' easement on 351 Reed Farm Rd.	Strip of land between Acton/Boxborough; connects Reed Farm subdivision to Acton Conservation land	Hiking, XC skiing	Fair
15 Patch Hill Road and 685 Rear Depot Road (10-025-000 and 10-017-000)	Town	Cons. Comm.	2.41	Town, State (Local Acquisitions for Natural Diversity Program), donations, Box. Cons. Trust	Agricultural-Residential	Article 97	Yes	Trail head and trail into Patch Hill conservation parcel	Mountain biking, hiking, XC skiing	Good
575 Depot Road (10-009-000)	Town	Cons. Comm.	16.70	Gift of Land	Agricultural-Residential	Article 97	Yes	Trails; third highest point in Boxborough	Mountain biking, hiking, XC skiing, horseback riding	Good
989 Rear Hill Road (04-055-000)	Town	Cons. Comm.	5.17	Gift of Land	Agricultural-Residential	Article 97	Yes	Trail through birch stand. Connects to Robinson land	Mountain biking, hiking, XC skiing, horseback riding	Good
838, 838 Rear and 928 Liberty Square Road, 120 Rear Avebury Circle, and 107 Tokatawan Spring Lane (10-001-000, 04-088-000, 04-087-000, 09-135-000, and 04-050-000)	Town	Cons. Comm.	112.31	Town, State (Local Acquisitions for Natural Diversity Program), and Boxborough Conservation Trust	Agricultural-Residential	Article 97	Yes	Largest piece of contiguous upland open space	Mountain biking, XC skiing	Good
1011 Hill Road (04-060-000)	Town	Cons. Comm.	64.58	Town and State (Local Acquisitions for Natural Diversity Program)	Agricultural-Residential	Article 97	Yes	Mostly woodland with small field. Trail with trailhead on Hill Rd. Contains part of the old carriage road	Mountain biking, hiking, XC skiing, horseback riding	Good

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Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/ Description	Rec. Potential	Condition
86 Rear Avebury Circle (09-136-000)	Town	Cons. Comm.	4.63	Gift of Land	Agricultural-Residential	Article 97	Yes	Trail to trailhead on Avebury Circle. Wildlife habitat	Mountain biking, hiking, XC skiing, horseback riding	Fair
595 Depot Road (10-011-000)	Town	Cons. Comm.	1.4	Gift of Land	Agricultural-Residential		Yes	Mix of wooded upland and wetland	Mountain biking, hiking, XC skiing	Fair
600 Rear Beaver Brook Road (03-007-000)	Town	Cons. Comm.	11.05	Gift of Land	Office Park	Article 97	Difficult access through TNC land. Cisco land trail access easement	Wildlife habitat	None; land is very wet	Fair
286, 314, and 342 Littlefield Road (06-014-000, 06-016-000, and 06-015-000)	Town	Cons. Comm.	35.32	Town	Agricultural-Residential	Article 97	Yes	Trails, open field managed as meadow, stream for fishing	Mountain biking, hiking, XC skiing	Good
95 Rear Sargent Road (11-004-000)	Town	Cons. Comm.	6.68	Gift of Land	Agricultural-Residential	Article 97	Yes	Connects to Rolling Meadows. Trail ends at RR track	Hiking	Good
95 and 105 Sargent Road (11-005-000 and 11-003-000)	Town	Cons. Comm. and Ag Comm	21.35	Purchased with CPA, LAND grant, and Town funds, and a donation in excess of \$200K from BCT	Agricultural-Residential	Article 97	Yes	Wildlife Habitat Managed for forestry Will have trails	Mountain biking, hiking, XC skiing, community garden	Fair
1414 Rear Massachusetts Avenue (13-023-000)	Town	Cons. Comm.	4.80	Gift of Land	Office Park and Agricultural-Residential	Article 97	Yes	Runs along west side of Wolf Swamp. Trail links to trail easement on 1414 Mass Ave	Mountain biking, hiking, XC skiing	Good
1150 Burroughs Road and 1414 Rear Massachusetts Ave. (13-024-000 and 13-023-000)	Town	Cons. Comm.	207.08	State (Local Acquisitions for Natural Diversity Program and Town	Office Park and Agricultural-Residential	Article 97	Trail with access off Old Harvard Road	Wet and wild swamp, good blueberries	Mountain biking, hiking, XC skiing	Good
341 Hazard Lane (17-021-000)	Town	Cons. Comm.	8.80	Gift of Land	Office Park	Article 97	Yes	Mostly wet, little upland	No	Fair
328 Hazard Lane (18-002-000)	Town	Cons. Comm.	22.07	Gift of Land	Office Park	Article 97	Yes	Land abuts Wolf Swamp Conservation Land	Mountain biking, hiking, XC skiing	Fair
Total Conservation Land (acres)			827.31							

II. Open Space											
Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/ Description	Rec. Potential	Condition	
500 Rear Beaver Brook Road (03-015-000)	Box. Cons. Trust	Box. Cons. Trust	4.0	N/A	Office Park	In perpetuity – owned by Box. Cons. Trust	No	Wooded with wetlands	No	Fair	
700 Rear Beaver Brook Road (03-006-000)	Box. Cons. Trust	Box. Cons. Trust	23.0	N/A	Office Park		Yes	Trails. Wooded esker with wetlands	Hiking	Good	
900 Rear Beaver Brook Road (03-005-000)	Box. Cons. Trust	Box. Cons. Trust	14.3	N/A	Office Park		Yes	Trails. Wooded esker with wetlands	Hiking	Good	
900A Rear Beaver Brook Road (03-003-000)	Box. Cons. Trust	Box. Cons. Trust	26.0	N/A	Office Park		Yes	Trails. Wooded esker with wetlands	Hiking	Good	
940 Depot Road (09-104-000)	Box. Cons. Trust	Box. Cons. Trust	24.78	N/A	Agricultural-Residential	None	No	Trail connecting to Hager Land. Wooded with wet areas	Hiking, XC Skiing, biking	Excellent	
296 Middle Road (09-045-000)	Town	Town	41.96	Town	Agricultural-Residential and Business	None	Yes	Contains Middle Rd. Community Garden, trails, parking, and trail head	Community garden, hiking	Excellent	
311 Whitcomb Road (08-001-000)	Box. Cons. Trust	Box. Cons. Trust	15.28	Private	Office Park	CR	Yes	Hiking trails	Mountain biking, hiking, XC skiing	Excellent	
427 Massachusetts Avenue and 120 Rear Cobleigh Road (15-001-000 and 10-063-000)	Town	Town	99.71	Town	Agricultural-Residential and Business	None	Yes	Contains the Sargent Memorial Library, trails, parking, and wireless tower	Mountain biking, hiking, XC skiing	Good	
Grady Conservation Preserve; 280 Sargent Road; (10-140-000)	Box. Cons. Trust	Box. Cons. Trust	1.0	N/A	Agricultural-Residential	None	No	Wooded. Potential link from Sargent Rd. to Half Moon Meadow	Mountain biking, hiking, XC skiing	Fair	
Grady Conservation Preserve 336 Rear Sargent Road; (10-139-000)	Box. Cons. Trust	Box. Cons. Trust	20.0	N/A	Agricultural-Residential	None	Yes	Short trail. Wooded with wetlands	Mountain biking, hiking, XC skiing	Good	
40 Littleton Road (06-002-000)	Sud. Valley Trust.	Sud. Valley Trust.	2.76	N/A	Agricultural-Residential	None	Yes	Short trail to meadow with wooded area	Hiking, XC skiing	Good	
438, 550A, 550B, 550C, and 580 Codman Hill Road (12-014-000, 17-003-000, 12-016-000, 12-015-000, and 17-001-000)	Town	Town	24.0	Town	Industrial-Commercial	None	No	Mostly wetlands	No	Fair	
117 Liberty Square Rd., 40, 51, 67, & 241 Reed Farm Road (15-060-000, 15-041-000, 15-056-000, 15-055-000, and 15-054-000)	Town	Town	50.53	Tax Title	Agricultural-Residential and Business	None	No	Wooded with wetlands	No	Fair	

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Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/ Description	Rec. Potential	Condition
None	244C Adams Place (12-029-000)	Town	Town	6.0	Tax Title	Office Park	None	No	Land-locked wooded upland next to 495	No	Fair
None	10 and 25 Cedarwood Road (15-149-000 and 15-157-000)	Town	Town	1.47	Town	Agricultural-Residential	None	No	Wooded with a retention basin	No	Primarily undeveloped
None	381 Codman Hill Road (12-020-000)	Town	Town	3.34	Tax Title	Industrial-Commercial	None	No	Wooded	No	Primarily undeveloped
None	190 Davidson Road (05-024-000)	Town	Town	3.35	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	Mountain biking, hiking, XC skiing	Fair
None	151 Depot Road (05-051-000)	Comm. of Mass.	Comm. of Mass.	19.2	N/A	Agricultural-Residential	None	No	Mass. Wildlife Management Area. Trail to pond edge	Bird watching, hiking	Fair
None	151 Rear Depot Road (05-042-000)	Comm. of Mass.	Comm. of Mass.	0.24	N/A	Agricultural-Residential	None	No	Wooded	No	Fair
None	1035 Depot Road (09-110-000)	Town	Town	1.15	Gift of Land	Agricultural-Residential	None	No	Wooded with extensive wetlands	No	Fair
None	572 Depot Road (10-179-000)	Town	Town	0.92	Tax Title	Agricultural-Residential	None	No	Wooded with waterways	No	Fair
None	95 Rear Hager Lane (19-008-000)	Town	Town	5.23	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	Mountain biking, hiking, XC skiing	Fair
None	1499 Hazard Lane (17-013-000)	Town	Town	5.47	Tax Title	Office Park	None	No	Wetlands	No	Fair
None	1096 Rear Hill Road (04-012-000)	Town	Town	6.24	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	No	Fair
None	213 Liberty Square Road (15-037-000)	Town	Town	0.29	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	No	Fair
None	20, 23, 37, 48, 52 Loreto Drive (10-078-000, 10-083-000, 10-082-000, 10-080-000, 10-081-000)	Town	Town	18.71	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands. Rare species. Vernal pool.	Hiking	Fair
None	49 Massachusetts Avenue (15-069-000)	Town	Town	4.09	Tax Title	Agricultural-Residential	None	No	Wooded with wetlands	No	Fair
None	84 Massachusetts Avenue (15-080-000)	Town	Town	1.0	Tax Title	Business	None	No	Wooded with wetlands	No	Fair
None	405 Middle Road (09-084-000)	Town	Town	0.92	Tax Title	Agricultural-Residential	None	No	Wooded	No	Fair

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Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/ Description	Rec. Potential	Condition
None	5A Rear Monarch Drive (02-005-000)	Box. Cons. Trust	Box. Cons. Trust	6.06	N/A	Office Park	In perpetuity – deed restricted	No	Landlocked. Wooded with wetlands	No	Land is in a natural state
None	38 Nashoba Drive (05-108-000)	Town	Town	0.17	Tax Title	Agricultural-Residential	None	No	Wooded	No	Land is in a natural state
None	498 and 500 Robinson Road (18-045-000 and 18-056-000)	Town	Town	1.13	Donation	Agricultural-Residential	None	No	Wooded	Community Garden	Land is in a natural state
None	354 Rear Sargent Road (10-135-000)	Town	Town	2.42	Tax Title	Agricultural-Residential	None	Yes	Abuts Half Moon Meadow	Hiking	Good
None	150 Tokatawan Spring Lane (04-058-000)	Town	Town	0.15	Tax Title	Agricultural-Residential	None	No	Landlocked wooded parcel	No	Land is in a natural state
North Cemetery	450 Hill Road (08-049-000)	Town	Cem. Comm.	0.92	Town	Agricultural-Residential	None	Yes	Cemetery. Historical burial ground	No	Good
Old Town Center	608 Middle Road (08-037-000)	Town	Town	0.59	Town	Agricultural-Residential	None	No	Former Town Center. Annual tree lighting ceremony	Tree lighting ceremony	Good
Patch Hill	112 Rear Prescott Road (09-141-000)	Box. Cons. Trust	Box. Cons. Trust	13.04	N/A	Agricultural-Residential	None	No	Wooded with loop trail linking to Patch Hill Conservation Area	Mountain biking, hiking, XC skiing	Good
Picnic Street Trust	420 Middle Road (09-038-000)	Town	Town	16.7	Tax Title	Agricultural-Residential and Business	None	Yes	Contains trails that connect Steele Farm and Community Gardens	Mountain biking, hiking, XC skiing, horseback riding	Good
Picnic Street Trust	414 Middle Road (09-039-000)	Town	Town	7.95	Tax Title	Agricultural-Residential and Business	None	Yes	Wooded with wetlands abutting Steele Farm	Mountain biking, hiking, XC skiing, horseback riding	Land in natural state
South Cemetery	420 Burroughs Road (14-070-000)	Town	Cem. Comm.	6.67	Town	Agricultural-Residential	None	Yes	Cemetery in active use	No	Good
Inches Woods	940 Depot Road (09-104-000)	Box. Cons. Trust	Box. Cons. Trust	24.78	Boxborough Cons. Trust purchase	Agricultural-Residential	Conservation Restriction	Yes	Mostly wooded with some wetlands; trails	Hiking trails	Good
Steele Farm	484 Middle Road (09-036-000)	Town	Steele Farm Adv. Comm.	36.19	Town	Agricultural-Residential and Business	Cons./ Historical Pres. Restriction	Yes	Meadow with walking trails, trail head, and parking. Use of land is subject to mgt. plan	Mountain biking, hiking, XC skiing, horseback riding	Excellent
Total Open Space Land				271.68							

III. Recreation Land												
Name of Property	Location (Parcel ID)	Owner	Mgt.	Acres	Funds Used	Zoning	Degree of Protection	Public Access	Current Use/Description	Rec. Potential	Condition	
Fifer's Field	900 Beaver Brook Road (01-012-000)	Town	Town	9.97	Donation	Office Park	Perpetuity	Yes	Soccer field	Active recreation	Excellent	
Liberty Fields	1066R, 1082, 1096, 1110, 1124, and 1140 Liberty Square Road (04-070-000, 04-082-000, 04-081-000, 04-080-000, 04-079-000, and 04-078-000)	Town	Rec. Comm.	26.73 (8.5 active)	Town	Agricultural-Residential	None	Yes	Ball fields, picnic tables, bocce	ATM voted to install tennis and basketball courts, ½ mile track, pickleball	Excellent	
Landry Land	144 Summer Road (20-046-000)	Town	Town	7.75	Donation	Agricultural-Residential	None	Yes	Potential softball field	Softball field	Undeveloped	
Total Recreation Land				44.45								

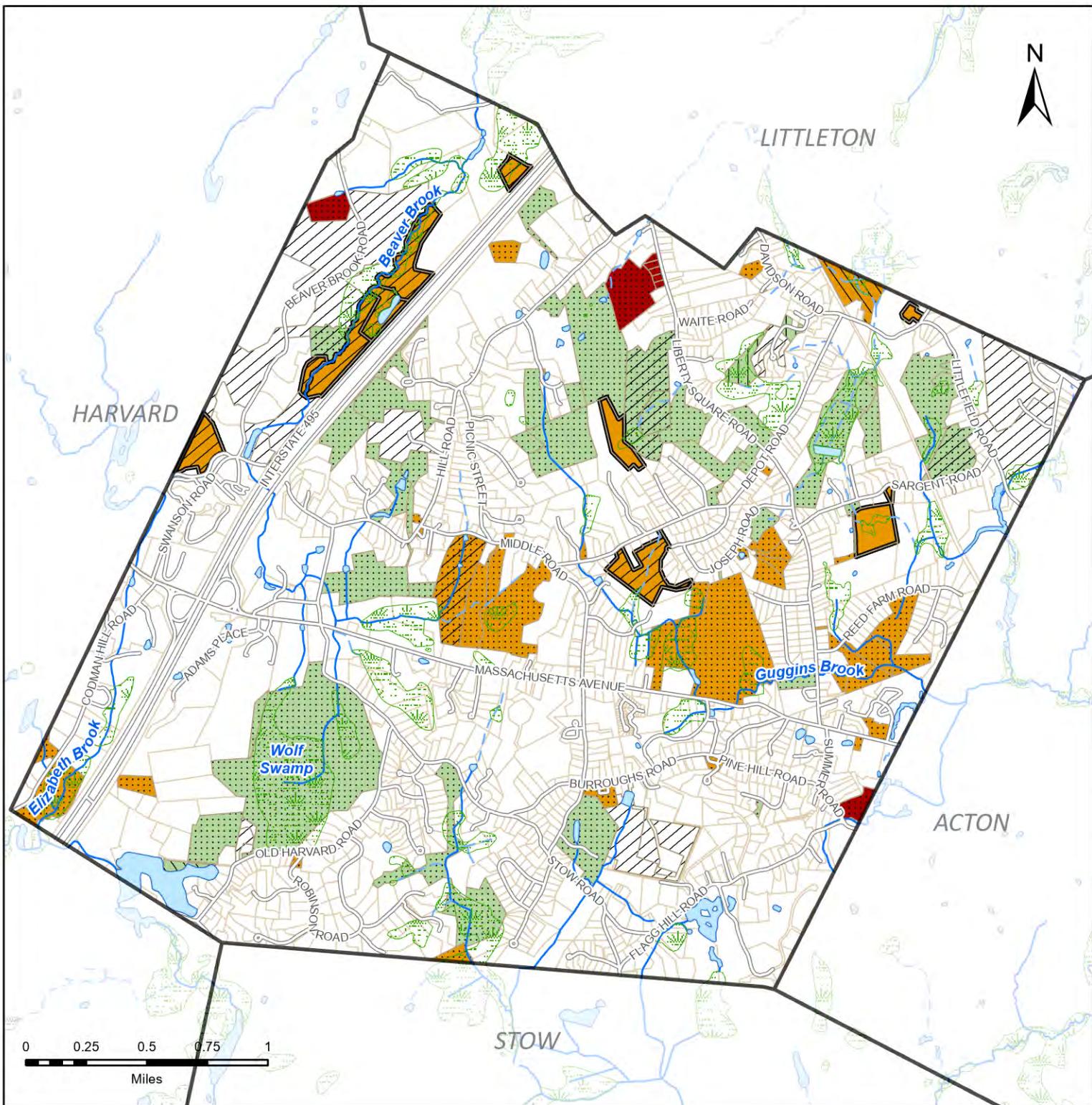


Figure 9
Open Space, Conservation, and Recreation Facilities

Boxborough, MA



Comprehensive Environmental Incorporated

Data Sources: MassGIS, Town of Boxborough

2/20/2023

- Conservation (Green)
- Open Space (Orange)
- Recreation (Red)
- Ownership:
 - Land Trust (Solid Black)
 - Municipal (Dotted)
 - Private (Hatched)
 - State (Diagonal Lines)
- Deed Restriction* (Hatched)
- Tax Parcels (Outline)
- Lake, Pond, Reservoir (Blue)
- Wetland (Green)
- Shoreline (Blue)
- Perennial Stream (Blue)
- Intermittent Stream (Wavy Blue)

*Conservation, Open Space, Agriculture or Historic Restrictions. See Table 27.

Table 27. Conservation, Open Space, Agricultural, and Historical Restrictions

Site Name	Fee Owner(s)	Owner Type	Public Access	Conservation Restriction Holder(s)	Acreage	Date Book/Page (Parcel ID)
Wolf Swamp Conservation Area	Paul D'Orazio Laurie Love	Private	No	Boxborough Cons. Comm.	3.0	08/13/99, 30543/139 (18-004-000 and 18-005-000)
Patch Hill Conservation Area	Boxborough Conservation Commission	Municipal	Yes	Boxborough Cons. Trust / Harvard Cons. Trust	11.49	06/07/02 35636/333 (04-088-000)
Patch Hill Conservation Area	Boxborough Conservation Commission	Municipal	Yes	Boxborough Cons. Trust / Harvard Cons. Trust	39.59	06/07/02 35636/333 (04-087-000)
Walnut Farm / Have-Not- Pond Conservation Area	Margaret L. Delano	Private	No	Farm Bureau Agricultural Preservation Corp.	3.68	12/29/09, 54071/406 2009/910 (Plan) (08-088-000)
Walnut Farm / Have-Not-Pond Conservation Area	Margaret L. Delano	Private	No	Farm Bureau Agricultural Preservation Corp.	19.76	12/29/09, 54071/406 2009/910 (Plan) (08-088-000)
Colonial Ridge	Peter Faubert David Castro Sanjay Mistry Russell Holden	Private	Limited (Trail Easement)	Boxborough Cons. Comm.	5.49	01/09/01, 32221/369 (05-099-000, 05-100-000, 05-104-000, and 05-105-000)
Towermarc Business Park	Campanelli-Trigate Boxborough Sub, LLC	Private	No	Boxborough Cons. Comm.	54.96	09/06/00, 31793/464 2000/989 (Plan) (03-002-000)
Towermarc Business Park	Campanelli-Trigate Boxborough Sub, LLC	Private	No	Boxborough Cons. Comm.	5.11	09/06/00, 31793/464 2000/989 (Plan) (03-001-000)
Towermarc Business Park	Campanelli-Trigate Boxborough Sub, LLC	Private	Yes	Boxborough Cons. Comm.	39.0	09/06/00, 31793/448 2000/989 (Plan) (03-001-000)
Towermarc Business Park	Campanelli-Trigate Boxborough Sub, LLC	Private	No	Boxborough Cons. Comm.	14.48	05/29/01, 32944/491 2001/493 (Plan) (03-002-000)
Towermarc Business Park	Campanelli-Trigate Boxborough Sub, LLC	Private	Yes	Boxborough Cons. Comm.	10.14	05/29/01, 32944/491 2001/493 (Plan) (03-010-000)
Towermarc Business Park	Campanelli-Trigate Boxborough Sub, LLC	Private	Yes	Boxborough Cons. Comm.	20.34	05/29/01, 32944/491 2001/493 (Plan) (08-004-000 and 08-006-000)
Steele Farm	Town of Boxborough	Municipal	Yes	Boxborough Historical Society/ The Trustees of Reservations	36.19	07/18/13 62267/1 (09-036-000)
Fort Pond Brook	Piedmont Oper. Partnership TR Boxborough Corp.	Private	Yes	Boxborough Cons. Comm.	55.4	02/17/99, Land Court 1148/174, L.C. Doc.# 1097183, 1999/151 (Plan) (06-021-000 and 11-054-000)
Fort Pond Brook	Piedmont Oper. Partnership TR Boxborough Corp.	Private	Yes	Boxborough Cons. Comm.	5.09	12/20/01, 34372/523 (06-021-000 and 11-054-000)
Burroughs Farm	Bryon Clemence Paul Clemence David Gorzocoski	Private	No	Commonwealth of Massachusetts	37.39	5/4/01, 32808/69 (19-153-000)
Burroughs Farm	Bryon Clemence Paul Clemence David Gorzocoski	Private	No	Equity Trust, Inc.	9.53	6/29/01, 33171/157 Amended on 9/9/04, 43686/368 (19-154-000)
Elizabeth Brook Knoll	Boxborough Cons. Trust	Private	Yes	Boxborough Cons. Comm., Sudbury Valley Trustees	15.28	04/03/2019, 72414/251
Inches Woods	Boxborough Cons. Trust	Private	Yes	Boxborough Cons. Comm.	24.78	08/12/2018 71146/334
95/105 Sargent (name not final)	Cons. Comm, Ag. Comm.	Town	Yes	Sudbury Valley Trustees	21.35	TBD (purchase by Town in progress as of 8/2022)
Total Acreage with Restrictions					432.05	

Table 28. Lands Enrolled in Chapter 61, 61A, and 61B

Parcel ID	Owner	Acres	Chapter Status	Address
01-002-000	HARVARD SPORTSMENS CLUB, INC	49.30	61	260 REAR LITTLETON COUNTY ROAD
01-003-000	HARVARD SPORTSMENS CLUB, INC	41.29	61	250 LITTLETON COUNTY ROAD
01-005-000	HARVARD SPORTSMENS CLUB, INC	4.77	61	995 REAR BEAVER BROOK ROAD
02-001-000	HARVARD SPORTSMENS CLUB, INC	3.20	61	300 REAR LITTLETON COUNTY ROAD
02-002-000	HARVARD SPORTSMENS CLUB, INC	11.76	61	5 REAR MONARCH DRIVE
02-004-000	HARVARD SPORTSMENS CLUB, INC	15.53	61	1 REAR MONARCH DRIVE
02-006-000	HARVARD SPORTSMENS CLUB, INC	24.92	61	995B REAR BEAVER BROOK ROAD
02-007-000	HARVARD SPORTSMENS CLUB, INC	15.91	61	995A REAR BEAVER BROOK ROAD
04-001-000	D & R MORSE LAND TRUST LLC, TR	27.40	61A	900B REAR BEAVER BROOK ROAD
04-002-000	HARVARD SPORTSMENS CLUB, INC	6.92	61	1098 REAR HILL ROAD
04-092-000	ESTATE OF HUGEL MARGUERITE	11.18	61B	1172 HILL ROAD
04-007-000	PECULIS MATTHEW	1.38	61B	1178 HILL ROAD
04-009-000	LEONARD MICHAEL D	12.00	61	1164 HILL ROAD
04-018-000	D & R MORSE LAND TRUST LLC, TR	47.34	61A	912 HILL ROAD
04-022-000	MORRISON BRIAN A.	6.68	61A	828 HILL ROAD
04-046-000	D & R MORSE LAND TRUST LLC, TR	5.58	61A	947 HILL ROAD
04-059-000	SINGER ISADORE M	25.15	61B	989 HILL ROAD
05-008-000	PARSONS WAYNE R	11.27	61	1033 LIBERTY SQUARE ROAD
05-054-000	KRUSEN GEORGE C II	14.58	61A	69 DEPOT ROAD
05-055-000	KRUSEN GEORGE C II	27.01	61A	88 DEPOT ROAD
05-059-000	KRUSEN GEORGE II	8.11	61A	234 REAR DEPOT ROAD
05-060-000	KRUSEN GEORGE C II	0.36	61A	234 B DEPOT ROAD
06-007-000	KRUSEN GEORGE C II	18.64	61A	355 LITTLEFIELD ROAD
08-025-000	FOX LESLIE/GLADYS, TRUSTEES	15.31	61A	187 HILL ROAD
08-088-000	DELANO MARGARET L	26.01	61A	604 HILL ROAD
09-089-000	VELEY HUGH ARDEN, TR	8.52	61B	1055 DEPOT ROAD
09-109-000	VELEY ARDEN	15.48	61	1043 DEPOT ROAD
09-116-000	HODGSON JOHN GRAEME	13.87	61B	961 DEPOT ROAD
09-118-000	WILBERT MATTHEW M	24.06	61	875 DEPOT ROAD
09-133-000	VELEY ARDEN	2.98	61	1043 REAR DEPOT ROAD
09-134-000	HODGSON JOHN GRAEME	4.35	61B	961 REAR DEPOT ROAD
10-119-000	KULARSKI CHRISTOPHER J.	27.86	61B	297 LIBERTY SQUARE ROAD
10-187-000	VORCE KATHLEEN A	5.56	61B	555 LIBERTY SQUARE ROAD
10-196-000	KRUSEN GEORGE C II	15.41	61A	88 REAR DEPOT ROAD

Parcel ID	Owner	Acres	Chapter Status	Address
11-020-000	SPRING RIVER FARM LLC	15.47	61	142 SARGENT ROAD
11-049-000	NAPOLI THOMAS F S	25.22	61A	10 LITTLEFIELD ROAD
13-010-000	BARRY GEORGIA	16.18	61A	1197 MASSACHUSETTS AVENUE
14-178-000	FOLLETT DAVID R	12.22	61A	120 COBLEIGH ROAD
15-083-000	VORCE RAYMOND M., JR	7.96	61B	126 MASSACHUSETTS AVENUE
17-014-000	HOFFMAN LINDA	2.30	61A	38 REAR ELDRIDGE ROAD
17-015-000	HOFFMAN LINDA	14.32	61A	38 ELDRIDGE ROAD
19-010-000	GOULD TR, SHERRILL R.	16.72	61	94 CHESTER ROAD
19-066-000	MINUTE MAN AIR FIELD, INC	15.35	61B	535 REAR STOW ROAD
19-068-000	MINUTE MAN AIR FIELD, INC	0.89	61B	192 TAMARACK LANE
19-069-000	MINUTE MAN AIR FIELD, INC	0.91	61B	178 TAMARACK LANE
19-070-000	MINUTE MAN AIR FIELD, INC	0.92	61B	164 TAMARACK LANE
19-071-000	MINUTE MAN AIR FIELD, INC	0.93	61B	150 TAMARACK LANE
19-072-000	MINUTE MAN AIR FIELD, INC	0.88	61B	134 TAMARACK LANE
19-073-000	MINUTE MAN AIR FIELD, INC	1.86	61B	126 TAMARACK LANE
19-074-000	MINUTE MAN AIR FIELD, INC	4.56	61B	120 TAMARACK LANE
19-075-000	MINUTE MAN AIR FIELD, INC	5.26	61B	114 TAMARACK LANE
19-076-000	MINUTE MAN AIR FIELD, INC	0.87	61B	106 TAMARACK LANE
19-077-000	MINUTE MAN AIR FIELD, INC	1.90	61B	92 TAMARACK LANE
19-078-000	MINUTE MAN AIR FIELD, INC	0.98	61B	80 TAMARACK LANE
19-079-000	MINUTE MAN AIR FIELD, INC	0.96	61B	66 TAMARACK LANE
19-080-000	MINUTE MAN AIR FIELD, INC	0.94	61B	54 TAMARACK LANE
19-081-000	MINUTE MAN AIR FIELD, INC	0.92	61B	38 TAMARACK LANE
19-082-000	MINUTE MAN AIR FIELD, INC	0.74	61B	22 TAMARACK LANE
19-083-000	MINUTE MAN AIR FIELD, INC	1.15	61B	8 TAMARACK LANE
19-084-000	MINUTE MAN AIR FIELD, INC	7.48	61B	505 STOW ROAD
19-085-000	MINUTE MAN AIR FIELD, INC	9.71	61B	535 STOW ROAD
19-128-000	SUTCLIFFE WILLIAM M. / SUTCLIFFE EILEEN C.	8.45	61A	540 STOW ROAD
19-153-000	CLEMENCE BRYON & PAUL	38.71	61A	360 BURROUGHS ROAD
19-154-000	CLEMENCE BRYON & PAUL	9.50	61A	374 BURROUGHS ROAD
20-046-000	LANDRY RUTH L, TRUSTEE	7.60	61B	144 SUMMER ROAD
11-001-000	PIERCE SCOTT	11.36	61	201 SARGENT ROAD
09-142-000	FOLLETT DAVID R	2.99	61A	940 REAR DEPOT ROAD
TOTAL ACREAGE	795.95			

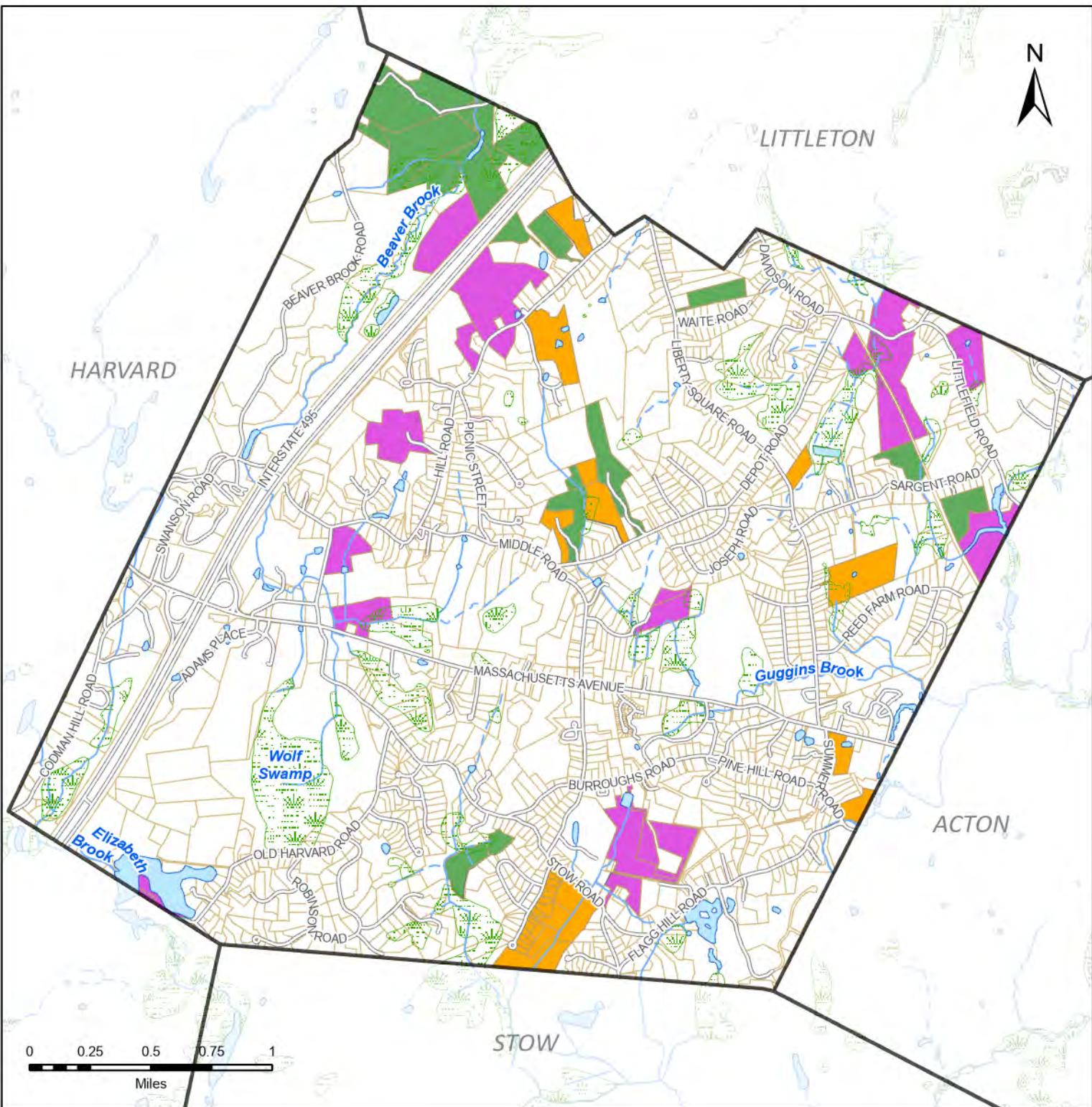


Figure 10
Lands in Chapter 61,
61A and 61B

Boxborough, MA



Comprehensive
Environmental
Incorporated

- Chapter 61
- Chapter 61A
- Chapter 61B
- Tax Parcels
- Wetlands
- Shoreline
- Perennial Stream
- Intermittent Stream
- Lake, Pond, Reservoir

Data Sources: MassGIS, Town of Boxborough

Table 29. Private Lands of Open Space, Conservation, Agriculture, and Recreation Interest
Note: To see a map of these parcels, jump to [Figure 11](#)

Parcel ID	Acres	Location	Open Space, Conservation, Agriculture, and Recreation Potential
04-018-000 and 04-002-000	47 and 6.9	912 and 1098 Rear Hill Road	Agricultural, vistas (PB); vista, habitat connectivity (Cons Comm); active agriculture (Ag Comm); water supply (BoH)
19-153-000, 19-154-000	50	360 and 374 Burroughs Road	Conservation potential (Cons Comm)
05-054-000, 05-055-000, 10-196-000, 05-059-000, and 05-060-000	15.03, 7.75, 0.5, 30, and 14.5	69, 88, 88 Rear, 234 Rear, and 234B Depot Road	Habitat corridor, trail connectivity (Cons Comm); active agriculture (Ag Comm)
06-007-000	19.2	355 Littlefield Road	Agricultural, vistas (PB); habitat (Cons Comm); active agriculture (Ag Comm)
10-119-000	30.09	297 Liberty Square Road	Habitat, connectivity (Cons Comm); agricultural opportunity (Ag Comm); water supply (BoH)
04-043-000	19.6	807 Hill Road	Habitat, connectivity (Cons Comm); active agriculture (Ag Comm)
04-059-000	24.3	989 Hill Road	Habitat, trail connectivity (Cons Com); agricultural opportunity (Ag Comm)
11-049-000 and 11-020-000	25.3 and 15.4	10 Littlefield Road and 142 Sargent Road	Active agriculture (Ag Comm)
19-084-000, 19-085-000, 19-075-000, 19-074-000, and 19-066-000	7.8, 9.78, 5.4, 4.6, and 15.2	505 and 535 Stow Road, 114 and 120 Tamarack Lane, and 535 Rear Stow Road	Active agriculture (Ag Comm); water supply (BoH)
02-008-000, 01-005-000, 02-007-000, 02-006-000, 01-004-000, 01-003-000, 01-002-000, 02-001-000, 02-004-000, and 02-002-000	6.0, 4.3, 12.0, 23.57, 0.77, 42.0, 49.5, 3.3, 13.96, and 11.91	800A Rear, 995 Rear, 995A Rear, 995B Rear, and 999 Rear Beaver Brook Road, 250, 260 Rear, and 300 Rear Littleton County Road, and 1 Rear and 5 Rear Monarch Drive	Open space and agricultural opportunity (Ag Comm); water supply (BoH)
03-008-000, 03-009-000, and 03-004-000	8.3, 33.8, and 7.96	700 and 800 Beaver Brook Rd., and 800 Rear Beaver Brook Rd.	Habitat, trail head (Cons Comm); active agriculture, agricultural vistas (Ag Comm); water supply (BoH)
04-001-000	27	900B Rear Beaver Brook Road	Agricultural opportunity (forestry) (Ag Comm); water supply (BoH)
08-088-000	27	604 Hill Road	Has conservation restriction in place
09-118-000	12	875 Rear Depot Road	Habitat, connectivity, abuts Patch Hill Conservation Area (Cons Comm)
13-010-000	16.3	1197 Massachusetts Avenue	Agriculture, connectivity (Cons Comm); active agriculture (Ag Comm)
09-046-000	18.5	276 Middle Road	Water resources, active recreation (PB); water resources, agriculture, woodland (Cons Comm); agricultural opportunity (Ag Comm); water supply (BoH)
08-025-000	15.8	187 Hill Road	Active agriculture, agricultural vistas (Ag Comm)
04-068-000	3.57	1165 Rear Hill Road	Habitat (Cons Comm); Agricultural opportunity (forestry) (Ag Comm)
19-161-000	12	94 Rear Chester Road	Habitat, connectivity (Cons Comm); active forestry (Ag Comm)
15-083-000	7.6	126 Massachusetts Avenue	Agricultural opportunity (Ag Comm)
14-001-000	6.16	975 Massachusetts Avenue	Water resources, trail head parking (PB); water resources, habitat, trail connectivity (Cons Comm); water supply (BoH)
Total Acres:	711.65		

Boxborough Recreation Commission

The seven-member Recreation Commission is responsible for the following:

- Development and implementation of recreational programs for the youth and other citizens of Boxborough.
- Management of the recreational activities at the Flerra Meadows, Liberty Fields, and Fifer's Field.
- Sponsorship of programs during the winter, spring, and summer months for the youth of Boxborough. Winter programs include: floor hockey, soccer, and gymnastics. Summer playground is available for town elementary age children. These programs emphasize the basic fundamentals and fun associated with participation in youth sports.



Playground area at Flerra Meadows

Environmental Justice and the Distribution of Parks and Open Spaces

There are two identified Environmental Justice populations in Boxborough. The majority of open land is conservation land with trails and these areas are distributed throughout the town. The only recreational facilities that are not school-based are Flerra Meadow, Fifer's Field, and Liberty Fields. Fifer's Field is on the west side of Interstate 495 and located within an Environmental Justice block group. Flerra Meadows is in the southern part of the town, Liberty Fields is in the northern part of town, and therefore, distribution of recreational facilities is adequate to serve all town residents.

Accessibility Requirements

The Open Space and Recreation Planner's Workbook states that all municipal property and programs must be accessible to people with disabilities. Furthermore, all municipal park and conservation areas and programs must be evaluated as part of the process of preparing an Open Space and Recreation Plan. This section gives an overview of accessibility issues in Boxborough. The complete facilities inventory and transition plan is presented in Table 30.

The majority of public open space in Boxborough is conservation land with trails. These properties are

generally in a natural state with walking trails that traverse a wide variety of terrain and include obstacles such as tree roots, rocks, and steep hills. As such, these trails cannot practically be improved to meet Americans with Disabilities Act (ADA) standards, but any new trails or newly acquired land in the future would need to be ADA compliant. The three non-school-based recreational properties (Liberty Fields, Fifer's Field, and Flerra Meadows) have been evaluated for accessibility in the Facility Inventory and Transition Plan in Table 30. A master plan has been developed by the Recreation Commission for capital improvements to Liberty Fields, including a playground, basketball and tennis courts, hiking trail access, pickleball courts, and an accessible ADA walking path. The other two facilities, Flerra Meadows and Fifer's Field (which has a ramp leading up to the field and is currently handicap accessible), would benefit from accessibility improvements, but are limited by available space.

Table 30. Section 504 Facility Inventory/Transition Plan

Facility Inventory				Transition Plan		
Property	Facilities	Playing Surface	Physical Obstacles	Recommended Improvements	Year	Responsible Party
Fifer's Field	Gravel parking lot, Porta Potty, soccer field.	Grass	There are steps that lead up to the soccer field from the parking lot.	Create a ramped, accessible path of travel from the parking lot to the soccer field. Add one handicapped accessible Porta Potty.	2017 (completed)	Recreation Commission
Flerra Meadows	Soccer fields, baseball diamond. Playground.	Wood Chips	No accessible path of travel from parking lot to playground.	Create an accessible path of travel to the ramp of the playground.	2019 (completed)	Recreation Commission
Liberty Fields	Porta Potty, baseball field, gravel parking with three HP spots, picnic tables, bocce courts.	Grass	None	Create an accessible path of travel with connection to the Patch Hill Conservation Trail and add handicap parking spaces.	2023	Recreation Commission

6. Community Vision

6.1 Description of Process

Throughout 2022, the Boxborough OSRP working group hosted multiple virtual meetings to discuss and develop the OSRP. These meetings were publicly advertised on the Town's website and in a conspicuous location at Town Hall. These meetings concluded with presentations at public meetings of the Planning Board on June 13, 2022 and September 19, 2022, to solicit feedback on the draft OSRP. To solicit a final round of community feedback, the OSRP working group, through the Office of Land Use and Permitting, hosted a public forum on April 12, 2023.

The public forum was attended by 16 members of the community and provided ample discourse around the draft OSRP and its contents. The goals and objectives of the OSRP were affirmed through the data collected at this event. The event was organized around an introductory presentation, followed by small focus group activities, and concluded with an open question and answer period. Group activities included a community mapping exercise, using Figure 9 as a base map, and a prioritization exercise using the goals set forth in this plan.

The Office of Land Use and Permitting also offered drop-in office hours on the evening of April 6, April 10, and April 13. These were hosted to accommodate participants who could not attend the public forum or preferred a small setting due to ongoing pandemic concerns. Two members of the community attended office hours. In addition, the public forum was advertised in both Brazilian Portuguese and Hindi, two of the largest communities that comprise Boxborough's town-wide minority populations. Translators were available during the event, however no participants required services.

6.2 Community Vision

The purpose of the 2022-2027 OSRP is to provide the Town with a blueprint to ensure that current and future residents have ample opportunities for recreation and access to open space. Open space is important for protecting water, soil, and air quality. Residents value the rural qualities of the town and seek to preserve its history, scenic landscapes and wildlife habitats. The recent COVID-19 pandemic has highlighted the critical role of open space and recreation areas to public health. This OSRP also intends to retain the character of Boxborough by establishing a diverse system of interconnected open space areas and to provide quality recreation programs for all residents to enjoy.

In addition to the 2022-2027 OSRP planning process, the community vision for open space and recreation was affirmed through the Town's most recent master planning process (completed in 2016) and development of the associated [Boxborough2030 Master Plan](#).



Key findings from this planning process related to Boxborough's community vision for open space and recreation planning included the following: Keep the small-town, rural atmosphere and maintain our character and sense of community;

- Protect the openness of the landscape and quality of environmental resources;
- Town residents are passionate about our protected lands, trails, and natural resources;
- The Town should consider bikeways on selected roads;
- The Town should consider new recreational facilities for all;
- Plan for long-term water resource management and protection;
- Establish strategies for energy conservation, carbon footprint reduction, and climate change resiliency

The OSRP public forum on April 12, 2023 included the collection of qualitative data, both notes taken by the Town Planner and mapping exercises, which were later coded to provide quantitative metrics as summarized below.

- Unanimous support was shown for the continued acquisition of properties for both recreation and conservation.
- Similarly, 70% of community feedback advocated for long term improvements, or those that would require greater than 1 year to implement.
- A moderate bias was shown in the data towards active recreation as opposed to more casual or passive enjoyment of spaces; with 62% of the feedback in favor of active recreation and 43% in favor of more passive experiences.
- Tangible improvements recommended through the community feedback included overall trail improvements, additional signage and wayfinding, information kiosks at accessible conservation areas, and emerging themes of pavilion spaces for gathering and swimming resources.

6.3 Open Space and Recreation Goals

Below are the goals of this 2022-2027 OSRP as determined through the public process described above.

2022-2027 Boxborough OSRP Goals	
	1. Protect and/or acquire additional lands for conservation, water resource protection, climate resilience, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.
	2. Incorporate climate resiliency into planning/zoning regulations to ensure that open space and priority habitats are protected as much as possible on developable lands.
	3. Protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.
	4. Enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.
	5. Create a process whereby the Town boards, commissions, and residents are periodically informed about environmental and conservation issues ; including the impacts of human activity on the environment and the financial benefits of protecting natural resources.
	6. Preserve farmland and soils favorable for agriculture and to encourage agricultural land uses.
	7. Pursue regional approaches to achieving the goals of this Open Space and Recreation Plan, including coordination with neighboring communities and MAGIC region communities.

7. Analysis of Needs

7.1 Overview of Needs Analysis

The identification of community needs and subsequently, potential action items for the Five-Year Action Plan, was accomplished in several ways:

- Review of planning studies
- Planning meetings of the Boxborough OSRP Working Group
- Meetings with Town staff, boards, and commissions
- Public meetings

7.2 Review of Planning Studies

Several previously completed planning studies and reports were reviewed to help identify community needs and to develop the Five-Year Action Plan. These include the following:

- 495 MetroWest Development Compact Plan
- Boxborough Hazard Mitigation Plan
- Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory
- Land Management Plans for Grasslands and Meadows on Town-Owned land in Boxborough
- Town of Boxborough Open Space and Recreation Plan from July 2015.
- Boxborough Municipal Vulnerability Program (MVP) Planning Grant Project: *Community Resilience Building Workshop - Summary of Findings* (2021)
- 2021 Town Report

7.3 Meetings with Town Staff, Boards, and Commissions

CEI met with the OSRP Working Group multiple times throughout the planning process. This group consists of the Town Planner and members of the various Town boards, commissions, and other stakeholder groups as listed in the Acknowledgements page of this Plan.

7.4 Public Meetings

Two public meetings were hosted by the Boxborough Planning Board to provide information about the draft OSRP and solicit public comments and feedback. These meetings were as follows:

- **June 13, 2022:** Initial public meeting hosted by the Planning Board to present and solicit feedback on the draft OSRP Goals and Five-Year Action Plan.
- **September 19, 2022:** Second public meeting hosted by the Planning Board to solicit public feedback on the draft OSRP.
- **April 12, 2023:** Public OSRP forum hosted by the Boxborough Office of Land Use and Permitting, as described in Section 6.

7.5 Open Space and Recreation Plan Survey

An OSRP survey was developed for the previous 2015-2022 OSRP, which received 160 responses from Town residents. Key findings from the survey are listed below:

- 31% of respondents use Town open space weekly.
- 85% believe that existing open space lands are adequate for their needs.
- The most desired new facilities were a Town pool, tennis courts, and basketball courts.
- Walking, running, and dog walking were the most common uses of trails and openspaces.
- Flerra Meadows and Steele Farm were the most frequently used facilities.
- 83% of respondents felt Town recreation programs and facilities were adequate.
- The greatest need for additional recreation programs is for teens and seniors.

Town staff and the OSRP Working Group determined that the results of the survey were still generally valid and applicable to the 2022-2027 OSRP update.

7.6 Summary of Resource Protection Needs

Many residents who answered the survey provided ideas about resource protection needs. Residents felt that preservation of the forests and water resources such as ponds and aquifers was very important. The preservation of agricultural land was also seen as central to maintaining Boxborough's character.

Participants of the public forum unanimously identified their highest priority of the plan as the continued protection and acquisition of new conservation land and natural spaces.

The northeast region of Town was identified by participants as a priority area to consider for new land acquisitions. The Sargent Road conservation land is the most recent example of Town acquisition of conservation space. The parcel is located in the North East region of Town and can be used to build momentum in the area. By partnering with the Boxborough Conservation Trust, the Town can continue to connect both entities conservation lands through thoughtful and intentional acquisition of land.

During the OSRP public forum on April 12, 2023, participants noted a growing presence of invasive species at Steel Farm. The Town should consider better methods of monitoring this and other conservation areas to prevent the growth of invasive species.

7.7 Summary of Community's Needs

The two public meetings listed above were held were attended primarily by Town staff, boards, and commissions. Feedback from the OSRP Working Group and the OSRP survey referenced above can be used to help assess open space and recreation needs in addition to comments by the public at the meetings. Through the survey, it appears that most respondents are satisfied with recreational programs and facilities. However, respondents felt that there is a need for additional recreational programs for teens and seniors. The most desired new facilities identified in the survey were a Town pool, tennis courts, and basketball courts. Items listed within the Five-Year Action Plan (Table 32), as well as the private lands which have been identified as having open space, conservation, agriculture, or recreation interest (Table 29 and Figure 11), attempt to address these needs identified by the community.

The theme of water recreation was further emphasized through the OSRP public forum on April 12, 2023. Participants reported an interest in both swimming resources and an observatory point along Flagg Hill Pond. Boxborough residents do not have a swimming site or splash pad in Town. Further, the Regional School's swimming facility is no longer open for general admission, creating a regional need for public facilities. To address this need, the Town should consider ways to utilize Flagg Hill Pond and the feasibility of stand-alone swimming facilities.

A growing need has been identified for passive amenities at recreation and trail spaces. Residents identified the need for sun sails and shade features, seating areas, and information kiosks at existing sites. These additions would improve the ability for all users to enjoy the many Town spaces and can be implemented at low cost and within short term. An additional need for a public pavilion and community gathering space also emerged during the public forum; an improvement that should be explored further for feasibility and location.

Participants in the forum emphasized continuing improvement of Town wide trail systems. Proposed needs included seating areas, call boxes, and improved signage. The Town should consider each of these, and could conduct a town-wide wayfinding plan for parks and public spaces. Additionally. Participants of the forum identified need to connect our spaces by sidewalks and other methods beyond single vehicle traffic; foot and bike travel was heavily encouraged by participants, and could blend well with the Town's complete streets prioritization plan.

7.8 Management Needs

The public forum participants noted several management practices to be implemented. Dust control was recommended for Fifer's Field and Flerra Meadow. Both of these spaces are popular recreation fields where people frequently congregate. The town should consider ways to reduce dust during dry months.

Wayfinding and signage was highlighted by participants as a need town wide. Wayfinding can be implemented across all park spaces, improving awareness and access to spaces. Information kiosks and sign boards can also be implemented to educate users on the spaces they use and the methods of management in use.

While Liberty Field is actively under construction, participants of the forum still noted the need for improved and regular screening and management strategies. Given the increased density abutting liberty field, and the presence of a neighboring business, participants reported a need for improved screening along the north side of the property. Additionally, participants encouraged the Town to consider organic management of turf, and no mow or low growing ground cover along buffers of the fields.

7.9 National Parks and Recreation Standards

The National Recreation and Parks Association (NRPA) provides park and recreation-related benchmarks to inform professionals, key stakeholders, and the public about the role of parks and recreation in their community and to help identify optimal facilities and programming based on community needs. These benchmarks can be used to provide insight into where your agency stands compared to "typical" agencies of similar size. Based on the 2021 NRPA Agency Performance Review, towns across the United States have a median of 8.7 acres of parkland per 1,000 residents in the jurisdiction, with a lower quartile of 4.9 acres/1,000 residents and an upper quartile of 17.6 acres/1,000 residents.

Boxborough's land area dedicated to public active recreation include the following:

Flerra Meadows:	5.0 acres
Liberty Fields:	8.5 acres
<u>Fifer's Field:</u>	<u>10.0 acres</u>
Total:	23.5 acres

The above total of 23.5 acres for active recreation puts Boxborough slightly below the NRPA lower quartile at 4.3 acres/1,000 residents. However, the Town also has over 25 miles of trails providing access to several hundred acres of conservation and municipal land, which could reasonably be viewed as part of the Town's developed open space for parks and recreation areas. In addition, the Town shares active recreational facilities with the Town of Acton, which lessens the need for additional facilities provided by Boxborough. Regardless of the NRPA benchmarks, communities have unique needs, desires, and challenges which require a mix of facilities and programming.

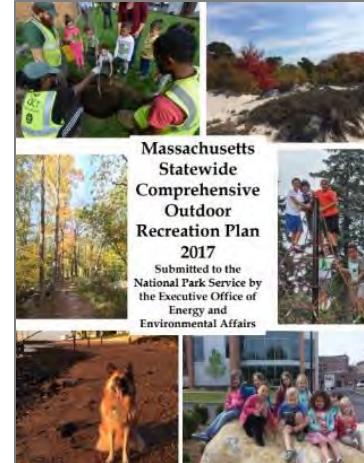
7.10 SCORP Relationship

The [Massachusetts Statewide Comprehensive Outdoor Recreation Plan](#)

(SCORP) is the state's equivalent of a municipal open space plan.

SCORPs are developed by individual states to be eligible for federal Land and Water Conservation Fund (LWCF) grants. The current plan was prepared in 2017 by the Executive Office of Energy and Environmental Affairs. During the planning process, the State conducted public meetings as well as an internet survey and phone survey. There was a special effort made to survey youth as well as adults. The plan has four major goals:

1. Improve the accessibility of outdoor recreation facilities to underserved populations.
2. Support the Statewide Trails Initiative.
3. Increase the availability of water-based recreation.
4. Support the creation and renovation of neighborhood parks.



Research done for the plan found the major obstacle to participation in outdoor recreation was lack of time. It also found that most outdoor activities are conducted within five miles of home. These are important findings that point to the need to have close-to-home facilities. Other key findings include:

- Running, walking, and jogging is the only activity popular with more than 50% of adults. The second most popular activity, mentioned by 1/3 of consumers as a top five favorite, is hiking.
- The favorite outdoor activity among youth 12 to 18 years old is team sports. There was equal interest in swimming, hiking, and walking from older teens (15-to-18 age group).
- More than 1/3 of survey respondents reported they expected their use of outdoor recreational activities to increase in the next five years.

Participants of the April 2023 OSRP public forum offered feedback and recommendations that closely align with the objectives of the SCORP. First and foremost, the SCORP prioritizes goal one as providing increased access to underserved populations. Given its town-wide designation as an Environmental Justice Community for minority criteria, all efforts to improve spaces will result in benefit to underserved populations.

Goal two of the SCORP is to support the state-wide trails initiative. Participants in the public forum overwhelming demonstrated interest in improving and growing the Town's trail resources, with 35% of all feedback related to trails. The Town will continue to support the State wide trails initiative, by executing the SCORP objective of completing gaps in existing trail networks in Boxborough. Further, the Town is committed to increasing accessibility of trail networks, by creating adequate parking areas and wherever

possible including accessible trails. This objective is currently being fulfilled, in the construction of an accessible paved walking path around and through the new Liberty Field, accessed by a fully accessible parking area.

Goal three of the SCORP directly aligns with the feedback provided by participants of the forum, increase the availability of water based recreation. With the closure of the regional school's swimming pool, residents of Boxborough now have no access to public water-based recreation. To address this issue, the Town will consider ways to better use Flagg Hill Pond for recreation and the Town will consider land for swimming facilities.

Finally, creation of neighborhood parks remains a priority in Boxborough, as emphasized through the public forum. To address this goal, the Town is currently renovating Liberty Field, to create a more accessible and expanded park. To further this goal, the Town will also investigate existing and potential sites of a public pavilion, providing new space for community gatherings and events.

8. Goals and Objectives

The following list provides objectives established to meet the general goals identified in Section 6.



Goal 1: Protect and/or acquire additional lands for conservation, water resource protection, climate resilience, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.

- a. Ensure ongoing Town funding for land acquisition.
- b. Improve Town policies, procedures, and organizational capacity for identifying priority parcels for land protection.



Goal 2: Incorporate climate resiliency into planning/zoning regulations to ensure that open space and priority habitats are protected as much as possible on developable lands.

- a. Develop Town bylaws which incorporate climate resiliency considerations.



Goal 3: Protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.

- a. Strengthen Town policies and procedures for protecting the town's heritage and character.
- b. Protect the historically significant Town Center.



Goal 4: Enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.

- a. Continue to maintain and improve management of Town conservation lands and trails.
- b. Investigate and implement opportunities for new recreation programs, facilities, and improved access to Town conservation lands and trails.
- c. Strengthen Town policies/procedures for management of Town recreation facilities and lands.



Goal 5: Create a process whereby the Town boards, commissions, and residents are periodically informed about environmental and conservation issues; including the impacts of human activity on the environment and the financial benefits of protecting natural resources.

- a. Develop and periodically update outreach materials and programming about environmental and conservation issues.



Goal 6: Preserve farmland and soils favorable for agriculture and to encourage agricultural land use.

- a. Strengthen Town policies/procedures for preservation of farmland and agricultural land uses.
- b. Investigate and implement opportunities for new agriculture-based programs and improved stewardship of Town-owned agricultural properties.

Goal 7: Pursue regional approaches to achieving the goals of this Open Space and Recreation Plan, including coordination with neighboring communities and MAGIC region communities.

- a. Regularly update Town data relevant to regional open space and recreation planning efforts.
- b. Continue and improve open space and recreation planning coordination with neighboring communities.

9. Five-Year Action Plan for 2022-2027

The Five-Year Action Plan is the most important section in any open space and recreation plan. The following recommendations are meant to bridge the gap between the existing open space and recreation resources identified in Section 5, the OSRP goals (Section 6.2), and the needs and desires of Boxborough residents (Section 7). The designation of a target year is meant as a guide only. It is more important to be flexible and take advantage of opportunities as they arise. Many items will need to occur over several years. In each case, a primary responsible party or parties is identified.

The Five-Year Action Plan was developed by first reviewing the action plan from the 2015-2022 OSRP. All completed actions from the 2015-2022 OSRP were documented and removed from the new action item list unless they are ongoing. The remaining action items were reviewed by the OSRP Working Group and Town staff to determine if these actions are still priorities for the 2022-2027 period. New and revised action items were then added based by the OSRP working based on the updated 2022-2027 OSRP goals listed in Section 6.2

9.1 Accomplishments Since 2015-2022 OSRP

Table 31 lists the status of action items included in the 2015-2022 OSRP.

Table 31. Status of Action Items from the 2015-2022 Boxborough OSRP

Goal 1: Protect and/or acquire additional lands for conservation, water resource protection, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.		
Action	Responsibility	Status
Conduct an educational campaign to inform residents about the benefits of the Community Preservation Act.	Community Preservation Committee	No campaign; CPC provides updates at annual Town Meeting to date
Include a line item in the Town's capital improvement plan for the Conservation Trust Fund for land acquisition.	Town Administrator; Conservation Commission	\$10K warrant article to fund the Conservation Trust Fund (CTF) was passed at 2021 Annual Town Meeting (ATM) - the 11th consecutive year of approved CTF funding. CPA has been the source of CTF funding since ATM 2017. <i>(funding not in capital improvement plan)</i>
Check in periodically with property owners whose properties have been identified as having open space, conservation, agriculture, or recreation potential regarding any changes in their status.	Conservation Commission Agricultural Commission Recreation Commission Board of Health	RecCom checks in regularly, ongoing. ConCom not checking in regularly. The Boxborough Conservation Commission prepared a 2022 update to Figure 10 (Lands of Open Space, Conservation, Agriculture, and Recreation Interest) of the previous 2015-2022 OSRP, identifying 217.5 ac of priority parcels no longer available for open space/conservation.
Goal 2: Protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.		
Action	Responsibility	Status
Conduct an educational campaign to inform residents about the benefits of the Community Preservation Act.	Community Preservation Committee	No educational campaign to date. Re-visit this action/responsibility, not an appropriate role for CPC.
Goal 3: Enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.		
Action	Responsibility	Status
Investigate options for creation of a Town pool.	Recreation Commission	No progress; long-term goal
Investigate the feasibility of developing tennis and basketball courts at Liberty Fields and Fifer's Field.	Recreation Commission	RecCom has developed a master plan for capital improvements to Liberty Field, including basketball and tennis courts, which were approved at the June 2021 ATM. The project is underway with an estimated completion date of late 2022/ early 2023. Fifer's Field is not a large enough space. Liberty Field improvements will include a playground, accessible/ADA walking path, pavilion, hiking trail access, baseball field renovation, and conduit for future lighting. Located in Environmental Justice area.
Develop additional playing fields.	Recreation Commission	Ongoing activity of RecCom. Working with local businesses, MassDOT, residents (e.g., estate planning). The Landry land could potentially be developed for additional playing fields; RecCom is actively looking at using existing softball fields at the Lincoln Properties and the Regency.

Develop a plan for the creation of additional bike trails.	DPW Recreation Commission Planning Board	No plan to date. RecCom discussions regarding bike and horse trails are ongoing, but there are concerns about meeting ADA requirements.
Maintain trails with mowing and cutting to reduce the risk of contact with ticks.	DPW Conservation Commission	Ongoing for past several years
Maintain trail markers, kiosks, and boardwalks.	Conservation Commission	<p>Ongoing program; kiosk now at every trailhead</p> <p>Purchased 4 large kiosks for Wolf Swamp, the library/Hager trails, Cisco/Beaver Brook property (at Fifer's Field), and Liberty Field (Patch Hill trails). Other on-going activity includes:</p> <ul style="list-style-type: none"> ▪ Coordination with volunteer groups (e.g., students, 80-90 Central Street) to perform maintenance work ▪ Coordination with the DPW for additional labor when needed. ▪ Coordination of Steward activity via a Facebook page ▪ Replacement of trail markers. ▪ Stewards led successful pursuit of grant and CPA funds for reconstruction of Hager Bridge ▪ Removal of fallen trees from the trails in on-going
Continue to review and implement the recommendations of the Mass Audubon Society report titled <i>“Land Management Plans for Grasslands and Meadows on Town- Owned Land in Boxborough, Massachusetts.”</i>	Conservation Commission Agricultural Commission	<p>Ongoing for grasslands/meadows</p> <p>ConsCom has plans for: protection of ground-nesting birds, meadow management, invasive species management, and protection of specific species (e.g., bobolinks, woodcock)</p>
Assess the need for additional off-street parking areas at conservation properties.	Conservation Commission	<p>Ongoing. New off-street parking for Heath Hen Meadow (Burroughs Road). Work has started for additional off-street parking at Fort Pond Brook parcel trailhead (Littlefield Road) and stone wall removal (along scenic road) has been permitted through Planning Board.</p> <ul style="list-style-type: none"> ▪ A related enhancement will be to improve/update the mapping of parking locations. ▪ Existing parking at other parcels has been evaluated and is considered to be adequate.
Survey teens and seniors to determine specific recreational needs and desires.	Recreation Commission	<p>Ongoing: Survey conducted for feedback from parents regarding outdoor space and programs for teens</p> <p>RecCom helped to get funding for the Skate Park in Acton, which is used by teens from Boxborough.</p>
Implement new recreational programs for teens and seniors.	Recreation Commission, Council on Aging	<p>Running club (Blanchard School), based on survey</p> <p>Tae kwon do program (based on survey)</p> <p>Birding program</p> <p>Other nature programming</p> <p>Community game night</p>

Goal 4: To inform the public and Town boards and commissions about environmental and conservation issues including the impacts of human activity and the financial benefits of protecting natural resources.

Action	Responsibility	Status
Sponsor educational programs about environmental and conservation issues in conjunction with area non-profits.	Conservation Commission Energy Committee (<i>now called the Sustainability Committee</i>)	No collaborative efforts with NPOs Webinars on energy efficiency Website: Energize Boxborough Boxborough Conservation Trust provides ongoing webinars; newsletter (to everyone in community)
Include information and links to reports about land conservation on the Town's website.	Conservation Commission Board of Health	Ongoing; maps/descriptions are available for each conservation parcel
Implement a vernal pool education and certification program.	Conservation Commission Public Schools	No formal progress to date Vernal pool FAQs on website
Implement an invasive exotic management and education program.	Conservation Commission Public Schools	Non-native/invasive species information provided on Town website. Invasive species management conducted on some properties.
Implement a bird watching and identification program.	Conservation Commission Public Schools	<i>No ongoing educational programs</i> Boxborough Birders -private birding group Acton-Boxborough Family Network birding programs
Review the conditions under which land was acquired for consistency with the original use intent.	Conservation Commission Recreation Commission Agricultural Commission	Ongoing.

Goal 5: Preserve farmland and soils favorable for agriculture and to encourage agricultural land uses.

Action	Responsibility	Status
Review all requests for taking land out of Chapter 61, 61A, and 61B and make recommendations.	Conservation Commission Agricultural Commission Recreation Commission	Ongoing, process working well.
Ensure that Town policies and regulations are supportive of agriculture.	Agricultural Commission	Ongoing
Review the need to amend the Boxborough Right to Farm Bylaw.	Agricultural Commission	AgCom has reviewed this periodically, particularly an amendment requiring realtors to notify buyers of the Bylaw (the provision that was stricken before Town Meeting passed Bylaw). AgCom recommended no further action at this time.
Review definitions in the Town's Zoning Bylaw that relate to agriculture to ensure clarity.	Planning Board Agricultural Commission	The AgCom has not yet identified any inconsistencies in need of formal amendment.
Evaluate need and feasibility for additional community gardens.	Agricultural Commission	Organic community garden installed at Flerra Meadows
Provide input to the Steele Farm Management Plan.	Agricultural Commission	Ongoing work of the Steele Farm Management Advisory Committee

Goal 6: To encourage citizen participation in open space and recreation planning.

Action	Responsibility	Status
Establish an Open Space and Recreation Plan (OSRP) Committee to oversee implementation of the Plan.	Land Stewardship Committee Conservation Commission Recreation Commission Agricultural Commission	No OSRP Committee established to date.

Goal 7: To coordinate open space planning efforts with neighboring communities to create a regional open space and trail network.

Action	Responsibility	Status
Facilitate yearly meeting with the communities of the MAPC MAGIC subregion to discuss open space issues.	Board of Selectmen, Conservation Commission Planning Board, Agricultural Commission	No progress to date.
Facilitate semi-annual meetings with adjacent communities to discuss possible trail connections.	Conservation Commission	Ongoing on an ad-hoc basis. There are only a few trail linkage opportunities (Stow, Harvard, Acton)
Provide each surrounding community with a copy of the Boxborough Open Space and Recreation Plan.	Planning Board	No documentation that the plan was shared.
Review amending Watershed Protection and Aquifer Protection zoning to protect Zone IIs in Acton and Littleton.	Board of Health Planning Board	Planning Board has requested funding for study, currently pending. Public waters supplies mapped and available via Town GIS

Goal #8: To pursue regional approaches, where possible, to achieving the goals of this Open Space and Recreation Plan.

Action	Responsibility	Status
Continue to work with neighboring communities to share facilities for recreation.	Recreation Commission	Continued ongoing programs for regional recreation resources; Ongoing coordination with Acton and Littleton; Other shared resources: On-line resources ; Sargent Memorial Library

9.2 The 2022-2027 Five-Year Action Plan

Table 32 provides a listing of 2022-2027 OSRP action items the format required by the MA Division of Conservation Services. The action items are grouped under the goal to which they most directly contribute. In addition to the action items listed below, Figure 11 provides a map showing the location of priority parcels of open space, conservation, agriculture, and recreation interest.

Table 32. 2022-2027 Boxborough OSRP Five-Year Action Plan

Action	Responsibility	Funding	Priority	Year							
				1	2	3	4	5			
Goal 1: Protect and/or acquire additional lands for conservation, water resource protection, climate resilience, wildlife habitat, agricultural land preservation, recreation, trails, and wildlife corridors.											
Objective 1.a. Ensure ongoing Town funding for land acquisition											
Continue to provide funding at Annual Town Meeting for the Boxborough Conservation Trust Fund for land acquisition.	Town Administrator Conservation Commission (<i>with review/input from stakeholder Commissions and Committees</i>)	Town funds	High								
Objective 1.b. Improve Town policies, procedures, and organizational capacity for identifying priority parcels for land protection.											
Develop written procedure (e.g., timeline, responsibilities) for responding to and reviewing right of first refusal notifications for Chapter 61, 61A, and 61B lands.	Select Board Town Administrator	Staff and volunteer time only	High								
Update existing list of priority parcels for protection /acquisition maintained by the Conservation Commission. See <i>current priority parcels listed in Table 29</i> .	Conservation Commission (<i>with review/input from stakeholder Commissions and Committees</i>)	Staff and volunteer time only	High								
Identify priority parcels (corporate/private) that could potentially use existing tax incentives (e.g., Conservation Land Tax Credit Program) to encourage land protection.	Planning Board Other stakeholder committees, regional/ local land trusts	Town funds	Medium								
Explore the possibility of creating a Boxborough Open Space Committee.	Select Board (<i>appointments from stakeholder Commissions and Committees</i>)	Volunteer time only	Medium								
Check in periodically with property owners whose properties have been identified as having open space, conservation, agriculture, or recreation potential regarding any changes in their status.	Conservation Commission Agricultural Commission Recreation Commission Board of Health	Town funds and grants	Medium								

Action	Responsibility	Funding	Priority	Year							
				1	2	3	4	5			
Goal 2: Incorporate climate resiliency into planning/ zoning regulations to ensure that open space and priority habitats are protected as much as possible on developable lands.											
Objective 2. Develop Town bylaws which incorporate climate resiliency considerations.											
Create process to review and potentially incorporate model by-laws for climate resiliency and nature-based solutions to protect natural resources (e.g., tree clearing bylaw, stormwater bylaws, low impact development bylaw, etc.).	Planning Board	Staff and volunteer time	High								
Goal 3: Protect the town's heritage and character through the preservation of scenic areas, roadways, and landscape features, both natural and historical.											
Objective 3.a. Strengthen Town policies and procedures for protecting the town's heritage and character.											
Continue to update the list Historically Significant Buildings that are protected (by reference to the list) in the Demolition Delay Bylaw.	Historical Commission	Staff and volunteer time	High								
Objective 3.b. Protect the historically significant Town Center.											
Define and submit the current Town Center for designation as a Historic District in the National Register of Historic Places.	Historical Commission Planning Board	Staff and volunteer time	Medium								
Goal 4: Enhance the quality and variety of recreation programs and facilities to meet current and future demand among all age groups and levels of ability.											
Objective 4.a. Continue to maintain and improve management of Town conservation lands and trails.											
Continue to maintain trails with mowing/cutting to reduce the risk of contact with ticks.	DPW, Conservation Commission	Town funds	High								
Maintain trail markers, kiosks, and boardwalks. Update kiosk signage with information on tick safety and updated trail maps. Create QR codes for smart phones to scan trail maps. Also update trail map and linkages on Town website.	Conservation Commission	Town funds; MassTrails Grant Program	High								
Continue to implement recommendations of the Mass Audubon report: "Land Management Plans for Grasslands and Meadows on Town-Owned Land in Boxborough."	Conservation Commission, Agricultural Commission	Staff and volunteer time only	High								
Objective 4.b. Investigate and implement opportunities for new recreation programs, facilities, and improved access to Town conservation lands and trails.											
Complete permitting /construction of off-street parking improvements at Fort Pond Brook parcel trailhead.	Conservation Commission	Town funds; Recreational MassTrails Grant Program	High								

Action	Responsibility	Funding	Priority	Year				
				1	2	3	4	5
Investigate options for creation of a Town pool.	Recreation Commission	Town funds; PARCS grant	Medium					
Develop additional playing fields.	Recreation Commission	Town funds	Medium					
Conduct feasibility study to develop prioritized list of bike trail locations (including paved and unpaved trails).	Recreation Commission, Planning Board, DPW, Conservation Commission	Staff and volunteer time	Medium					
Objective 4.c. Strengthen Town policies and procedures for management of Town recreation facilities and lands.								
Develop guidelines/ specifications for playing field turf.	Recreation Commission	Staff and volunteer time	Medium					
Goal 5: Create a process whereby the Town boards, commissions, and residents are periodically informed about environmental and conservation issues; including the impacts of human activity and the financial benefits of protecting natural resources.								
Objective 5. Develop and periodically update outreach materials and programming about environmental and conservation issues.								
Continue to develop educational outreach and programming (e.g., websites, webinars, newsletters, speakers from state agencies, etc.) about environmental and conservation issues. Include information and links to reports about land conservation on the Town's website.	Sustainability Committee, Conservation Commission, Board of Health	Staff and volunteer time	Medium					
Continue to provide information about non-native/invasive species identification and management.	Conservation Commission, Public Schools	Staff and volunteer time	Medium					
Goal 6: Preserve farmland and areas with soils favorable for agriculture and forestry and to encourage agricultural land uses.								
Objective 6.a Strengthen Town policies and procedures for preservation of farmland and agricultural land uses.								
Develop written procedure (e.g., timeline, responsibilities) for responding to and reviewing right of first refusal notifications for Chapter 61, 61A, and 61B lands.	Select Board, Town Administrator	Staff and volunteer time	High					
Review existing Town policies and regulations to strengthen protection of agricultural uses.	Agricultural Commission	Staff and volunteer time	Medium					
Objective 6.b Investigate and implement opportunities for new agriculture-based programs and improved stewardship of Town-owned agricultural properties.								
Evaluate need and feasibility for additional community gardens.	Agricultural Commission	Staff and volunteer time	Medium					
Continue work on restoring the Steele Farm historical farmscape.	Agricultural Commission	Town funds	Medium					

Action	Responsibility	Funding	Priority	Year							
				1	2	3	4	5			
Goal 7: Pursue regional approaches to achieving the goals of this Open Space and Recreation Plan, including coordination with neighboring communities and MAGIC region communities.											
Objective 7.a. Regularly update information resources relevant to regional open space and recreation planning efforts.											
Update Aquifer Protection District map; re-digitize to make more accurate/geo-referenced; update to align with changing floodplains and state aquifer mapping.	Town Planner, Select Board, Water Resources	Town funds	High								
Objective 7.b. Continue and improve ongoing open space and recreation planning coordination with neighboring communities.											
Maintain representation to Minuteman Advisory Group on Interlocal Coordination (MAGIC).	Planning Board, Select Board, Town Planner, other stakeholder committees	Staff and volunteer time	Medium								
Meet with adjacent communities on an ad hoc basis to discuss possible trail connections, shared recreational facilities, water supply protection, etc.	Conservation Commission, Water Resources, Recreation Commission	Staff and volunteer time	Medium								
Provide each surrounding community with a copy of the Boxborough Open Space and Recreation Plan.	Town Planner	Staff and volunteer time	Medium								

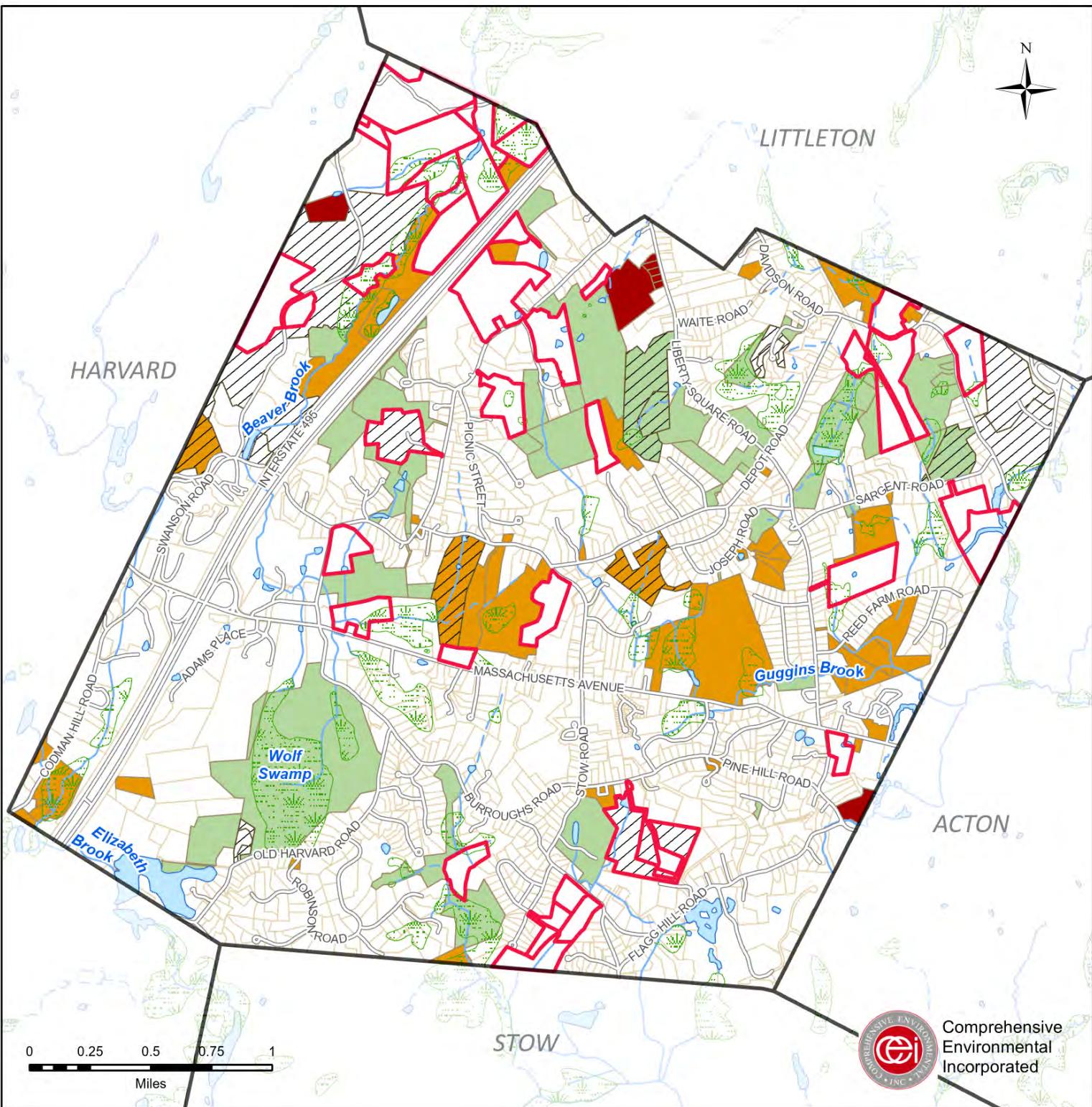


Figure 11

**Five-Year Action Plan Map for Priority Parcels
of Open Space, Conservation, Agriculture and
Recreation Interest**

Boxborough, MA

See Table 32 for the complete
list of OSRP Action Items.

Data Sources: MassGIS, Town of Boxborough

- Priority Parcels
- Conservation
- Open Space
- Recreation
- Deed Restriction*
- Tax Parcels
- Lake, Pond, Reservoir
- Wetlands
- Shoreline
- Perennial Stream
- Intermittent Stream

*Conservation, Open Space, Agriculture or Historic Restrictions. See Table 27.

10. Implementation and Funding Sources

The purpose of this section is to make decision-makers and town residents aware of the many different ways to preserve and/or acquire open space and recreation land. Some of the methods and programs have already been utilized by the Town. Other methods have not been employed but could be in the future.

Note on Funding Sources:

The entries in the column "Funding" in Table 32 are intended to provide information about potential funding sources for each action item. There are also a number of grant programs which can be pursued to supply funding for various action items. Each grant program has its own eligibility requirements and it is generally difficult to determine if an action is fundable until the project is more clearly defined.

A summary of some key grant programs which could be a source of funding OSRP action items is provided below, with links to more information.

Massachusetts Local Acquisitions for Natural Diversity (LAND)

The [LAND Grant Program](#) helps cities and towns acquire land for conservation and passive recreation purposes. The grants reimburse cities and towns for the acquisition of land in fee or for a conservation restriction. Municipal conservation and agricultural commissions from communities with an up-to-date OSRP are eligible to apply. This program has a maximum grant award amount of \$400,000 and a 52-70% reimbursement rate. Eligible projects include:

- Purchase of land in fee simple for conservation and passive recreation
- Purchase of a Conservation Restriction

Massachusetts Parkland Acquisitions and Renovations for Communities (PARC) Program

The [PARC Program](#) was established to assist cities and towns in acquiring and developing land for park and outdoor recreation purposes. These grants can be used by municipalities to acquire parkland, build a new park, or to renovate/improve an existing park. This program has a maximum grant award amount of \$400,000 and a 52-70% reimbursement rate.

Any town with a population of 35,000 or more year-round residents, or any city regardless of size, that has an authorized park /recreation commission is eligible to participate in the program. Communities that do not meet the population criteria listed above may still qualify under the "small town," "regional," or "statewide" project provisions of the program. Applications are open to all municipalities that have submitted an up-to-date OSRP.

Massachusetts Land and Water Conservation Fund Grant Program

The [Land and Water Conservation Fund Grant Program](#) is a federal program administered by the Massachusetts Division of Conservation Services (DCS) for acquisition and development or renovation of park, recreation, and conservation land, including trail development. The Federal Land and Water Conservation Fund provides up to 50% of the total project cost. Municipalities (with an up-to-date OSRP), special districts, and State agencies are eligible to apply. Access by the general public is required.



Recreational Trails Grant Program

The [Recreational Trails Program](#) is a federal assistance program of the United States Department of Transportation's Federal Highway Administration (FHWA), administered at the State level, providing funding for the development and maintenance of recreational trail projects. Both motorized and non-motorized trail projects may qualify for assistance. In Massachusetts, the Recreational Trails Program is administered through [MassTrails](#).



Community Preservation Act (CPA)

The Town of Boxborough adopted the [CPA](#) in November of 2014. The CPA is a tool for communities to preserve open space, historic sites, and affordable housing. The Community Preservation Act is statewide enabling legislation that allows cities and towns to exercise control over local planning decisions by providing a new funding source which can be used to address three core community concerns:

- Acquisition and preservation of open space
- Creation and support of affordable housing
- Acquisition and preservation of historic buildings and landscapes

A minimum of 10% of the annual revenues of the fund must be used for each three core community concerns. The remaining 70% can be allocated for any combination of the allowed uses. This gives each community the opportunity to determine its priorities, plan for its future, and have the funds to make those plans happen.

Massachusetts Municipal Vulnerability Preparedness (MVP) Action Grants

[MVP Action Grants](#) provide financial resources to municipalities that are seeking to advance priority climate adaptation actions to address climate change impacts resulting from extreme weather, sea level rise, inland and coastal flooding, severe heat, and other climate impacts.



Grant applications may be submitted by municipalities who have received designation from the Executive Office of Energy and Environmental Affairs (EEA) as an MVP Community. The municipality is also required to match 25% of total project cost using cash or in-kind contributions. The MVP program has [9 Core Principles](#) that should be incorporated into MVP Action Grant applications.

Massachusetts Conservation Assistance for Small Communities Grant Program

The [Conservation Assistance for Small Communities Grant Program](#) provides funding for towns with 6,000 people or less for preparation of real property appraisals, development of OSRPs, and other planning in support of land conservation. This isn't a competitive grant program; eligible communities will be able to receive funding until all funds are allocated.

State Transportation Improvement Program (STIP)

The [STIP](#) is a list of projects prepared yearly by the Massachusetts Office of Transportation Planning. This program is a combined effort between MassDOT and many state agencies that work together to design and build highways and transit projects. The STIP list includes projects such as bicycle paths, bridges, roadways, sidewalks, and transit investments.

Climate Smart Agriculture Program (CSAP) Grants

The Massachusetts Department of Agricultural Resources (MDAR) offers various grants and funding programs for agricultural projects. The [CSAP Grants](#) program links MDAR's water, energy, and climate grants together into one application. This program implements projects that help the agricultural sector adapt to climate change, mitigate climate change, reduce or prevent impacts to natural resources that may result from agricultural practices, and that improve energy efficiency and facilitate adoption of alternative clean energy technologies.



Natural Resources Conservation Service (NRCS) Programs



- The [Environmental Quality Incentives Program \(EQIP\)](#) provides financial and technical assistance to agricultural producers to address natural resources concerns and deliver environmental benefits such as improved water and air quality, conserved ground and surface water, reduced soil erosion, and improved wildlife habitat.
- The [Conservation Stewardship Program \(CSP\)](#) is the largest conservation program in the United States with a goal of enhancing natural resources and improving agricultural operations. The program helps agricultural operations build on existing conservation efforts while strengthening their operations. The program focuses on improving grazing conditions, increasing crop yields, developing wildlife habitat, and increasing resilience to weather extremes.
- The [Agricultural Management Assistance \(AMA\) Program](#) is federal program which helps agricultural producers manage financial risk through diversification, marketing or natural resource conservation practices. Producers may construct or improve water management structures or irrigation structures; plant trees for windbreaks or to improve water quality; and mitigate risk through production diversification or resource conservation practices, including soil erosion control, integrated pest management, or transition to organic farming.

AMA is available in 16 states, including Massachusetts, where participation in the Federal Crop Insurance Program is historically low.

11. Public Comments

Letters of review and approval of the OSRP are provided in Appendix A from the following:

- Town Administrator (the Town's Chief Administrative Officer)
- Planning Board
- Conservation Commission
- Regional Planning Agency (Metropolitan Area Planning Council)

12. References

495/MetroWest Development Compact Plan, March 2012. Prepared for the Executive Office of Housing and Economic Development by the Metropolitan Area Planning Council, Central Massachusetts Regional Planning Commission, MetroWest Regional Collaborative, 495 MetroWest Partnership and Mass Audubon.

www.mass.gov/hed/economic/ehed/pro/planning/metrowest/495metrowestdevelopmentcomp_actplan.pdf

Boxborough Municipal Vulnerability Program (MVP) Planning Grant Project: *Community Resilience Building Workshop - Summary of Findings*. March 2021. <https://www.mass.gov/doc/boxborough-final-report/download>

Boxborough Reconnaissance Report: Freedom's Way Landscape Inventory; Massachusetts Heritage Landscape Inventory Program. June 2006. www.mass.gov/eea/docs/dcr/stewardship/histland/recon-reports/boxborough-with-map.pdf

Land Management Plans for Grasslands and Meadows on Town-Owned land in Boxborough, Massachusetts, September 21, 2005 by the Mass Audubon Ecological Extension Service. <https://www.boxborough-ma.gov/documentcenter/view/738>

Metropolitan Area Planning Council Open Data, June 23, 2022. <https://www.mapc.org/learn/data/>

Minuteman Area Comprehensive Agricultural Planning Program, January 18, 2014. Prepared for the Minuteman Advisory Group for Interlocal Coordination by the Metropolitan Area Planning Council. <https://www.boxborough-ma.gov/documentcenter/view/505>

Town of Boxborough 2021 Annual Town Report. <https://www.boxborough-ma.gov/Archive.aspx?ADID=135>

Town of Boxborough General Bylaws amended through 2020 Town Meeting, reordered January 2022, <https://www.boxborough-ma.gov/521/General-Bylaws-of-the-Town-of-Boxborough>

Town of Boxborough Hazard Mitigation Plan prepared by the Metropolitan Area Planning Council and adopted November 8, 2010.

Town of Boxborough Open Space and Recreation Plan, July 2015. <https://www.boxborough-ma.gov/documentcenter/view/745>

Town of Boxborough Zoning Bylaw amended through Town Meeting, June 2021. <https://www.boxborough-ma.gov/312/Zoning-Bylaw>



The Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
100 Cambridge Street, Suite 900
Boston, MA 02114

Maura T. Healey
GOVERNOR

Kimberley Driscoll
LIEUTENANT GOVERNOR

Rebecca L. Tepper
SECRETARY

Tel: (617) 626-1000
Fax: (617) 626-1081
<http://www.mass.gov/eea>

May 31, 2023

Alexander Wade
Land Use and Permitting
29 Middle Road
Boxborough, MA 01719

Re: Open Space and Recreation Plan

Dear Mr. Wade:

Thank you for submitting the Open Space and Recreation Plan for Boxborough to this office for review and compliance with the current Open Space and Recreation Plan Requirements. I'm pleased to write that the plan has received final approval and the town is eligible to apply for DCS grants through December 2027. Please contact me melissa.cryan@mass.gov if you have any questions or concerns.

Sincerely,

Melissa Cryan

Melissa Cryan
Grant Programs Supervisor

Appendix A: Review Letters

May 31, 2023

Melissa Cryan
Executive Office of Energy and Environmental Affairs
100 Cambridge St. – Suite 900
Boston, MA 02114

Dear Ms. Cryan:

The Town of Boxborough's 2022–2027 Open Space and Recreation Plan was recently submitted to the Metropolitan Area Planning Council (MAPC) for review.

The Division of Conservation Services (DCS) requires that all open space plans be reviewed by the applicable regional planning agency. This review is advisory and only DCS has the power to approve a municipal open space plan. While your office reviews open space plans for compliance with your guidelines, MAPC reviews these plans for their attention to regional issues generally and more specifically for consistency with *MetroCommon 2050*, the regional policy plan for the Boston metropolitan area.

Consistency with MetroCommon 2050 – *MetroCommon 2050* is the official regional plan for Greater Boston, adopted in 2021 in accordance with the requirements of Massachusetts General Law. The plan includes a series of goals and detailed objectives that will be used to measure progress towards accomplishing these goals. We encourage all communities within the MAPC region to become familiar with the plan by visiting www.mapc.org/get-involved/metrofuture-our-regional-plan.

Boxborough's OSRP addresses a number of issues in a manner that illustrates how the plan is consistent with *MetroCommon 2050*. In addition, the Seven-Year Action Plan incorporates strategies that advance both the Town's goals and those from *MetroCommon 2050*.

The Town directly references consistency with *MetroCommon 2050* and its role in focusing regional support for our local efforts. In particular, the OSRP highlights the Town's efforts to protect natural and historical landscapes, conserve natural resources, and improve and enhance recreational opportunities for all age groups and levels of ability.

Surrounding Communities – The OSRP highlights regional open space resources including the Flagg Hill conservation land and the Delaney Wildlife Management Area. The plan also cited conservation lands and trail connections that exist (or are being considered) with trail systems in adjacent municipalities. The plan emphasizes the Town's commitment to pursuing regional approaches and collaborating with neighboring communities in the MAGIC subregion (a.k.a. the Minuteman Advisory Group on Interlocal Coordination) to achieve the goals outlined in the OSRP.



SMART GROWTH AND REGIONAL COLLABORATION

The Boxborough Open Space and Recreation Plan is very comprehensive and should serve the Town well as it continues its efforts to preserve open space and provide for the recreational needs of its residents.

Thank you for the opportunity to review this plan.

Sincerely,

Mark Racicot
Land Use Planning Director

cc: Alexander Wade, Director of Land Use and Permitting, Town of Boxborough



BOXBOROUGH PLANNING BOARD
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1723
www.boxborough-ma.gov

Mark Barbadoro, Chair Cindy Markowitz, Clerk Kathleen Vorce Rebecca Verner Mark White

Attn: Melissa Cryan
Division of Conservation Services
Executive Office of Energy and Environmental Affairs
100 Cambridge St., Suite 900
Boston, MA 02114

11/21/2022

Subject: Town of Boxborough Open Space and Recreation Plan

Dear Ms. Cryan,

The Boxborough Planning Board is pleased to have worked with the many departments and stakeholders who have developed the Town of Boxborough Open Space and Recreation Plan. This plan was developed using numerous stakeholder meetings and public forum, gathering a depth of public input. The plan documents recent successes in open space planning and the existing conditions of our valuable spaces, and outlines the methods of implementation that will further protect and improve our spaces.

We look forward to using this plan as a guiding document, to support the preservation and recreational use of Boxborough's many open spaces that are considered to be a valuable piece of Boxborough's distinct rural character.

Sincerely,

Mark Barbadoro, Chair
Boxborough Planning Board



OFFICE OF THE TOWN ADMINISTRATOR
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1712 • Fax: (978) 264-3127
townadmin@boxborough-ma.gov

May 9, 2023

To whom it may concern,

I have reviewed the Open Space and Recreation Plan and approve of its content. The Open Space and Recreation Plan committee and the Office of Land Use and Permitting have prepared an exciting plan that reflects the deeply held values of Boxborough residents.

Thank you for your consideration of this plan, which we look forward to enacting in the coming years.

Sincerely,

A handwritten signature in blue ink that reads "Michael C. Johns".

Michael Johns
Town Administrator

Town of Boxborough
29 Middle Road
Boxborough, MA 01719



Boxborough Conservation Commission
29 Middle Road, Boxborough, Massachusetts 01719
Phone: 978.264-1722
www.boxborough-ma.gov

Sam Anderson David Follett Norm Hanover Lucy Indge David Koonce Liz Markiewicz, Chair Stephen Schmitt

September 19, 2022

Melissa Cryan
Massachusetts Division of Conservation Services
100 Cambridge Street, Suite 900
Boston, MA 02114

Re: Draft 2022-2027 Open Space and Recreation Plan for the Town of Boxborough

Dear Ms. Cryan:

I am pleased to inform you that the Boxborough Conservation Commission has reviewed and approved the attached Open Space and Recreation Plan for the Town of Boxborough. We believe that this Plan will effectively guide the community when making future policy and funding decisions related to conservation priorities, recreation projects and open space acquisitions. The inclusion of climate resiliency as a planning goal will be particularly helpful in this regard.

Respectfully,

A handwritten signature in blue ink that reads "Elizabeth Markiewicz".

Elizabeth Markiewicz
Chair, Boxborough Conservation Commission

Appendix B: Americans with Disabilities Act (ADA) Information



OFFICE OF THE TOWN ADMINISTRATOR
29 Middle Road, Boxborough, Massachusetts 01719
Phone: (978) 264-1712 • Fax: (978) 264-3127
townadmin@boxborough-ma.gov

May 16, 2023

To whom it may concern,

This letter certifies that Rajon Hudson, has been designated the Americans with Disabilities Act (ADA) Coordinator for the Town of Boxborough, Massachusetts.

Please do not hesitate to contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Michael C. Johns".

Michael Johns
Town Administrator

Town of Boxborough
29 Middle Road
Boxborough, MA 01719

**Town of Boxborough
The Americans with Disabilities Act (ADA)
The Americans with Disabilities Amendments Act of 2008 (ADAAA)**

Section 1. Intent

The Town of Boxborough is committed to full compliance with the Americans with Disabilities Act ("ADA") and with the Americans with Disabilities Amendments Act of 2008 ("ADAAA").

Section 2. Policy

The town provides equal opportunity in employment for qualified persons with disabilities, and ensures that all employment practices and activities are conducted on a non-discriminatory basis and in accordance with the ADA, the ADAAA and other applicable federal, state and local laws.

Pre-employment inquiries are made only regarding an applicant's ability to perform the duties of the position. Reasonable accommodation will be made available to all disabled employees capable of performing the essential functions of the job with reasonable proficiency.

Qualified individuals with disabilities are entitled to equal pay and equal treatment with regard to other forms of compensation (or changes in compensation), as well as in job assignments, classifications, job descriptions and seniority status.

Section 3. Procedure

Any employee who believes that he or she has been discriminated against because of a disability may bring his or her concern directly to the Affirmative Action Officer (AAO). The Town Administrator serves as the Affirmative Action Officer. If the complaint of discrimination is against the Affirmative Action Officer, then the employee may bring the complaint to the Chairman of the Board of Selectmen.

Complaints of discrimination will be thoroughly investigated. If the investigation reveals that discrimination did occur, the town will act promptly to remedy the situation.

Section 4. State and Federal Remedies

In addition to seeking internal problem resolution, an employee may also file a formal complaint with either or both of the government agencies listed below. In order to protect the charging party's rights, the employee must file a charge with the Massachusetts Commission Against Discrimination (MCAD) within 300 days from the date of the alleged discriminatory act. A complaint under federal law should be filed with the United States Equal Employment Opportunity Commission (EEOC) within 180 days from the date of the alleged discriminatory act. If the charge is also covered by the Massachusetts Commission Against Discrimination (MCAD), the filing deadline may be extended to 300 days.

The Massachusetts Commission Against Discrimination (MCAD)

Boston Office: The John McCormack Building, One Ashburton Place, Room 601, Boston, MA 02108; (617) 994-6000

Worcester Office: Worcester City Hall, 455 Main Street, Room 100, Worcester, MA 01608; (508) 799-8010

Springfield Office: 436 Dwight Street, Second Floor, Room 220, Springfield, MA 01103; (413) 739-2145

New Bedford Office: 800 Purchase Street, Room 501, New Bedford, MA 02740; (508) 990-2390

Approved and Adopted by the Board of Selectmen 082310

Approved by the Personnel Board 072810

The United States Equal Employment Opportunity Commission (EEOC)
John F. Kennedy Federal Building, 475 Government Center, Boston, MA 02203; (800) 669-4000

**Town of Boxborough
Rules And Regulations for Conservation and Municipal Land
for Use of Other Power-Driven Mobility Devices (OPDMD)
Per the Americans with Disabilities Act (ADA)**

1. **Introduction and Authority:** These Rules and Regulations (“Rules”) describe and regulate use of other power-driven mobility devices (OPDMDs) on Town of Boxborough Conservation and Municipal land pursuant to federal regulations amending the Americans with Disabilities Act (“ADA”), Title II, 28 C.F.R., Part 35, effective March 15, 2011.

In addition to these Rules, all Conservation and Municipal land users should be familiar with the Rules & Regulations for Use of Town Land and with good trail etiquette.

These Rules are promulgated by the Conservation Commission and Board of Selectmen pursuant to the authority granted under M.G.L. c. 40, Section 8C.

2. **Definitions:** For the purposes of these Rules, the following terms shall have the following meanings unless a different meaning is clearly stated:

“Commission” or “Conservation Commission”: the Town of Boxborough Conservation Commission.

“Narrow Single Track Trail”: Unpaved, narrow gauge trail. This type of trail is for natural areas or steep terrain where environmental or topographic constraints require no user impact to natural resources or for trails that do not provide adequate space to OPDMDs for safe passage of trail-users traveling in opposing directions. All trails not listed in Appendix A are Narrow Single Track Trails.

“Other Power-Driven Mobility Device” or “OPDMD”: Any mobility device powered by batteries, fuel, or other engines, whether or not designed primarily for use by individuals with mobility disabilities, that is used by individuals with mobility disabilities for the purpose of locomotion, including golf carts, electronic personal assistance mobility devices (EPAMDs), such as the Segway® PT, or any mobility device designed to operate in areas without defined pedestrian routes, but that is not a wheelchair within the meaning of Part 35 of the Title II Regulations.

“Service Trail”: Unpaved, unimproved service trail, typically greater than 8 feet in width, capable of accommodating service vehicle traffic. See Appendix A for list of Service Trails.

“Town”: the Town of Boxborough, Massachusetts.

3. **Trail Use:** Trails on Municipal or Conservation land are available for use by individuals with a mobility disability subject to these Rules. The purposes of these Rules are the physical safety of OPDMD users and other trail users, the protection of sensitive natural resources, noise mitigation and fire prevention.

- a. The use of OPDMDs powered by internal combustion engines is prohibited. The exclusion of gas-powered OPDMDs, as compared to electric-powered OPDMDs, is due to the substantial risk of serious harm to the immediate environment from the fire danger created by the heat of the gas-fired engine and from noise impacts to animal habitats.
- b. Noise emitted by OPDMDs may not exceed 65 decibels.
- c. No person shall operate an OPDMD at a speed in excess of 3 miles per hour, which equals normal walking speed.
- d. OPDMDs must stay on designated trails at all times. Many trails pass near or cross wetlands and are vulnerable to erosion, particularly during wet periods.
- e. No OPDMDs are permitted in historical structures.
- f. Additional limitations are based on the type of trail:
 - i. **Service Trail:** All OPDMDs are allowed on service trails provided that the OPDMDs do not exceed 36" inch maximum width in order to allow safe passage of OPDMDs, pedestrians, equestrian riders, and service vehicles;
 - ii. **Narrow Single Track Trail:** No OPDMD devices are permitted on Narrow Single Track Trails. All trails not assessed as Service Trails are defined as Narrow Single Track Trails (See Appendix A).

4. Limitations:

- a. The adoption of these Rules does not represent an endorsement that the Town's Conservation or Municipal land is safe for any user. Users must exercise reasonable caution and care while on Town Conservation and Municipal land and operate OPDMDs at their own risk.
- b. These Rules may be amended from time to time as new information is available regarding the extent of physical constraints, resource protection criteria, specific trail conditions, and safety concerns for all trail users.
- c. Nothing in these Rules shall contradict federal or Commonwealth of Massachusetts statutes or regulations. In the case of conflict, federal or Commonwealth statutes or regulations shall prevail.

5. Enforcement:

- a. Whoever violates any provision of these Rules may be penalized by indictment or on complaint brought in the District Court. The maximum penalty for each violation shall be fifty dollars (\$50.00).
- b. Whoever violates any provision of the Rules may be penalized by non-criminal disposition as provided in General Laws, Chapter 40, Section 21D, in which case the penalty for each violation shall be fifty dollars (\$50.00) and the enforcing persons shall be the Conservation Commission, its Agent or any Police Officer of the Town.

6. Non-motorized wheelchairs are allowed on all Town Conservation and Municipal land.

7. Additional Information:

Complete trail maps and trail etiquette guidelines are available on the Town website at www.boxborough-ma.gov and in the “Boxborough Trail Guide”. The Guide is available at the Boxborough Town Hall and on the Town website.

Appendix A: Service Trails

Users must exercise reasonable caution and care while on Town Conservation and Municipal land and operate OPDMDs at their own risk.

<u>Parcel</u>	<u>Trails</u>
Flagg Hill	red trail near Flagg Hill Pond
Flerra Meadows	all trails
Have Not Pond	red trail from Hill Road entrance west of North Cemetery
Patch Hill	red and yellow trails from Hill Road entrance
Rolling Meadows	red and yellow trails from Littlefield Road entrance
Steele Farm	red and yellow trails from Middle Road entrance
Wolf Swamp	red and yellow trails from Burroughs Road entrance

PUBLIC NOTICE



Americans with Disabilities Act

THIS LOCAL GOVERNMENT
complies with the Americans with Disabilities Act of 1990, Public Law 101-336 (ADA), which prohibits discrimination on the basis of disability. The ADA, as applied to cities, counties,

and other local governmental entities, requires that no qualified individual with a disability shall, on the basis of a disability, be denied the benefits of local government services, programs, or activities.

**Accordingly,
this local government WILL NOT:**

- ➡ Refuse to allow a person with a disability to participate in a local government service, program, or activity simply because the person has a disability.
- ➡ Provide services or benefits to individuals with disabilities through programs that are separate or different, unless the separate programs are necessary to ensure that the benefits and services are equally effective.
- ➡ Subject individuals with disabilities to discrimination in employment under any local government service, program, or activity.

This local government WILL:

- ➡ Take appropriate steps to ensure that communications with applicants, participants, and members of the public with disabilities are as effective as communications with others.
- ➡ Make reasonable accommodations in policies, practices, or procedures when necessary to avoid discrimination on the basis of disability, unless a fundamental alteration in a local government program would result.
- ➡ Operate its programs so that, when viewed in their entirety, they are readily accessible to and usable by individuals with disabilities.



FOR FURTHER INFORMATION:

In accordance with Section 35.106 of the ADA's Title II Regulations, all applicants, participants, beneficiaries, and other interested persons are advised that further information may be obtained from this local government and from the Office on the Americans with Disabilities Act, Civil Rights Division, U.S. Department of Justice, Washington, DC 20035-6118 (202) 514-0301 (Voice) or (202) 514-0381 (TDD).

Braille, audio cassette, and computer diskette versions
of this Public Notice are available.



Facility Inventory/Transition Plan						
Park	Facility			Transition Plan		
	Facilities	Surface	Obstacles	Improvements	Year	Responsibility
Fifer's Field	Gravel parking, Porta potty, soccer field, paved path	Grass	Steps leading to field, growth in paved path	(1) Porta -potty to be made accessible (2) Path to be improved to accessibility	(1) 2023 (2) 2025	Recreation Committee
Flerra Meadow	Soccer field, baseball field, playground	Wood Chip	No accessible path to playground	Install accessible ramp from parking area to playground ramp.	2024	Recreation Committee
Liberty Fields					Under Construction	

Facility Inventory		LOCATION: BEAVER BROOK MEADOWS
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material Natural, wood chips, gravel, boardwalks Dimensions 2' x 6' Rails NO Signage (for visually impaired) NO
Swimming Facilities	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths Berm cuts onto courts
	Equipment	Height Dimensions Spectator Seating
	N/A	
	N/A	
Boat Docks	Access Routes	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
	N/A	
Fishing Facilities		Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Programming	Are special programs at your facilities accessible?	
	N/A	
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	N/A	Process to request interpretive services (i.e. sign language interpreter) for meetings

LOCATION**BEAVER BROOK MEADOWS****PARKING**

Total Spaces	Required Accessible Spaces	NONE	
Up to 25 <input checked="" type="checkbox"/>	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sign with international symbol of accessibility at each space or pair of spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sign minimum 5 ft, maximum 8 ft to top of sign	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface evenly paved or hard-packed (no cracks)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface slope less than 1:20, 5%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
RAMPS	Yes	No	Comments/Transition Notes
Slope Maximum 1:12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Minimum width 4 ft between handrails	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Handrails extend 12" beyond top and bottom	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Handgrip smooth surface	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Handgrip diameter between 1 1/4" and 2"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Non-slip surface	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

LOCATION**BEAVER BROOK MEADOWS**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES		Yes	No	Comments/Transition Notes
Site Access				
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Disembarking area at accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Surface evenly paved or hard-packed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
No ponding of water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Path of Travel				
Path does not require the use of stairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Path is stable, firm and slip resistant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 ft wide minimum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Continuous common surface, no changes in level greater than 1/2 inch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Entrances				
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
At least 18" clear floor area on latch, pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door handle no higher than 48" and operable with a closed fist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Vestibule is 4 ft plus the width of the door swinging into the space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Entrance(s) on a level that makes elevators accessible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats less than 1/2" thick are securely fastened	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats more than 1/2" thick are recessed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grates in path of travel have openings of 1/2" maximum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

NOTES

LOCATION**BEAVER BROOK MEADOWS****STAIRS and DOORS**

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION**BEAVER BROOK MEADOWS****RESTROOMS – also see Doors and Vestibules**

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

NOT APPLICABLE

LOCATION**BEAVER BROOK MEADOWS****FLOORS, DRINKING FOUNTAINS, TELEPHONES**

Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification			
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

BEAVER BROOK MEADOWS

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			N/A
Lifting device			N/A
Transfer area 18" above the path of travel and a minimum of 18" wide			N/A
Unobstructed path of travel not less than 48" wide around pool			N/A
Non-slip surface			N/A

BEAVER BROOK MEADOWS

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance			N/A
Floors are non-slip surface			N/A
Controls operate by a single lever with a pressure balance mixing valve			N/A
Controls are located on the center wall adjacent to the hinged seat			N/A
Shower heads attached to a flexible metal hose			N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			N/A
Soap trays without handheld features unless they can support 250 pounds			N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			N/A
Grab bars are placed horizontally at 36" above the floor line			N/A

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			N/A
Top of table no higher than 32" above ground			N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			N/A

Facility Inventory		LOCATION: FIFER'S FIELD
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N/A	Tables & Benches Grills Trash Cans Picnic Shelters	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number Height of Cooking Surface Located adjacent to accessible paths Located adjacent to accessible paths Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material PAVED Dimensions 2'-3' WIDE, .75 MILES LONG Rails NO Signage (for visually impaired) NO
	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired Location from accessible path into water
	Beaches	Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides Access Routes	Same experience provided to all Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths YES Berm cuts onto courts N/A
	Equipment	Height N/A Dimensions N/A Spectator Seating NO
		Located adjacent to accessible paths Handrails
Boat Docks Fishing Facilities N/A	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
		Learn-to-Swim
Programming N/A	Are special programs at your facilities accessible?	Guided Hikes
		Interpretive Programs
Services and Technical Assistance N/A	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION**FIFER'S FIELD****PARKING**

Total Spaces	Required Accessible Spaces
Up to 25	1 space
26-50 X	2 spaces
51-75	3 spaces
76-100	4 spaces X
101-150	5 spaces
151-200	6 spaces
201-300	7 spaces
301-400	8 spaces
401-500	9 spaces

Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	X		
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			N/A
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			N/A

RAMPS

Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12		X	NO RAMPS
Minimum width 4 ft between handrails		X	
Handrails on both sides if ramp is longer than 6 ft		X	
Handrails at 34" and 19" from ramp surface		x	
Handrails extend 12" beyond top and bottom		X	
Handgrip oval or round		x	
Handgrip smooth surface		X	
Handgrip diameter between 1 1/4" and 2"		X	
Clearance of 1 1/2" between wall and wall rail		X	
Non-slip surface		X	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction		X	

LOCATION**FIFER'S FIELD**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Disembarking area at accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface evenly paved or hard-packed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
No ponding of water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Path of Travel			
Path does not require the use of stairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Path is stable, firm and slip resistant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 ft wide minimum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Curb on the pathway must have curb cuts at drives, parking and drop-offs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	<input type="checkbox"/>	<input type="checkbox"/>	N/A
At least 18" clear floor area on latch, pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door handle no higher than 48" and operable with a closed fist	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Vestibule is 4 ft plus the width of the door swinging into the space	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Entrance(s) on a level that makes elevators accessible	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats less than $\frac{1}{2}$ " thick are securely fastened	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats more than $\frac{1}{2}$ " thick are recessed	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grates in path of travel have openings of $\frac{1}{2}$ " maximum	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted	<input type="checkbox"/>	<input type="checkbox"/>	N/A

NOTES

LOCATION**FIFER'S FIELD****STAIRS and DOORS**

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE— NO STAIRS OR DOORS

LOCATION**FIFER'S FIELD****RESTROOMS – also see Doors and Vestibules**

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor		X	SEASONAL PORT-A-POTTY
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim		X	
Extends at least 22" from the wall		X	
Open knee space a minimum 19" deep, 30" width, and 27" high		X	
Cover exposed pipes with insulation		X	
Faucets operable with closed fist (lever or spring activated handle)		X	
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep		X	
Stall door is 36" wide		X	
Stall door swings out	X		
Stall door is self closing		X	
Stall door has a pull latch	X		
Lock on stall door is operable with a closed fist, and 32" above the floor		X	
Coat hook is 54" high		X	
Toilet			
18" from center to nearest side wall		X	
42" minimum clear space from center to farthest wall or fixture		X	
Top of seat 17"-19" above the floor	X		
Grab Bars			
On back and side wall closest to toilet		X	
1 1/4" diameter			N/A
1 1/2" clearance to wall			N/A
Located 30" above and parallel to the floor			N/A
Acid-etched or roughened surface			N/A
42" long			N/A
Fixtures			
Toilet paper dispenser is 24" above floor	X		
One mirror set a maximum 38" to bottom (if tilted, 42")		X	
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor	X		

NOTES

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FIFER'S FIELD			
LOCATION	FLOORS, DRINKING FOUNTAINS, TELEPHONES		
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NOTES			
NOT APPLICABLE			

LOCATION **FIFER'S FIELD**

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Lifting device	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Transfer area 18" above the path of travel and a minimum of 18" wide	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Unobstructed path of travel not less than 48" wide around pool	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION **FIFER'S FIELD**

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening	<input type="checkbox"/>	<input type="checkbox"/>	N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Floors are non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls operate by a single lever with a pressure balance mixing valve	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls are located on the center wall adjacent to the hinged seat	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to a flexible metal hose	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Soap trays without handheld features unless they can support 250 pounds	<input type="checkbox"/>	<input type="checkbox"/>	N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grab bars are placed horizontally at 36" above the floor line	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION

PICNICKING			
Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	<input type="checkbox"/>	<input type="checkbox"/>	N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Top of table no higher than 32" above ground	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Facility Inventory		LOCATION: FLAGG HILL
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number Height of Cooking Surface
	Grills	Located adjacent to accessible paths
	Trash Cans	Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
Trails	Surface material Natural, wood chips, boardwalks Dimensions 2' - 8' Rails NO Signage (for visually impaired) NO	
Swimming Facilities	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths Berm cuts onto courts
	Equipment	Height Dimensions Spectator Seating
	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Located adjacent to accessible paths Handrails Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Fishing Facilities	Are special programs at your facilities accessible?	Learn-to-Swim Guided Hikes Interpretive Programs
	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	
Services and Technical Assistance	N/A	

LOCATION**FLAGG HILL**

PARKING		Required Accessible Spaces	Comments/Transition Notes
Total Spaces		NONE	
Up to 25	X	1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	<input type="checkbox"/>	X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input type="checkbox"/>	X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input type="checkbox"/>	X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input type="checkbox"/>	X	
Sign with international symbol of accessibility at each space or pair of spaces	<input type="checkbox"/>	X	
Sign minimum 5 ft, maximum 8 ft to top of sign	<input type="checkbox"/>	X	
Surface evenly paved or hard-packed (no cracks)	<input type="checkbox"/>	X	
Surface slope less than 1:20, 5%	<input type="checkbox"/>	X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input type="checkbox"/>	X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input type="checkbox"/>	X	
RAMPS NOT APPLICABLE			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum width 4 ft between handrails	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails extend 12" beyond top and bottom	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1/4" and 2"	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/>	<input type="checkbox"/>	
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/>	<input type="checkbox"/>	

LOCATION**FLAGG HILL**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Disembarking area at accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface evenly paved or hard-packed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
No ponding of water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Path of Travel			
Path does not require the use of stairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Path is stable, firm and slip resistant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3 ft wide minimum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	<input type="checkbox"/>	<input type="checkbox"/>	N/A
At least 18" clear floor area on latch, pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door handle no higher than 48" and operable with a closed fist	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Vestibule is 4 ft plus the width of the door swinging into the space	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Entrance(s) on a level that makes elevators accessible	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats less than $\frac{1}{2}$ " thick are securely fastened	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats more than $\frac{1}{2}$ " thick are recessed	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grates in path of travel have openings of $\frac{1}{2}$ " maximum	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted	<input type="checkbox"/>	<input type="checkbox"/>	N/A

NOTES

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LOCATION**FLAGG HILL****STAIRS and DOORS**

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers			
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES**NOT APPLICABLE**

LOCATION**FLAGG HILL****RESTROOMS – also see Doors and Vestibules**

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

NOT APPLICABLE

LOCATION**FLAGG HILL**

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

FLAGG HILL

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			N/A
Lifting device			N/A
Transfer area 18" above the path of travel and a minimum of 18" wide			N/A
Unobstructed path of travel not less than 48" wide around pool			N/A
Non-slip surface			N/A

FLAGG HILL

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance			N/A
Floors are non-slip surface			N/A
Controls operate by a single lever with a pressure balance mixing valve			N/A
Controls are located on the center wall adjacent to the hinged seat			N/A
Shower heads attached to a flexible metal hose			N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			N/A
Soap trays without handhold features unless they can support 250 pounds			N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			N/A
Grab bars are placed horizontally at 36" above the floor line			N/A

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			N/A
Top of table no higher than 32" above ground			N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			N/A

Facility Inventory		LOCATION: FLERRA MEADOWS
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities YES	Tables & Benches YES	Located adjacent to accessible paths NO Access to Open Spaces YES Back and Arm Rests NO Adequate number YES Height of Cooking Surface
	Grills N/A	Located adjacent to accessible paths
	Trash Cans YES	Located adjacent to accessible paths NO
	Picnic Shelters N/A	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material Natural
		Dimensions 4' - 12' Rails NO Signage (for visually impaired) NO
Swimming Facilities N/A	Pools	Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths NO Enough space between equipment for wheelchair NO
	Access Routes N/A	Located adjacent to accessible paths
	Equipment BALLFIELDS	Berm cuts onto courts Height Dimensions Spectator Seating YES
Game Areas: *ballfield *basketball *tennis N/A	Access Routes	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
		Learn-to-Swim NO
		Guided Hikes NO
		Interpretive Programs NO
Services and Technical Assistance N/A	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION**FLERRA MEADOWS****PARKING**

Total Spaces	Required Accessible Spaces		
Up to 25	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100 X	4 spaces	X	
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		

Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	<input checked="" type="checkbox"/>	X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input type="checkbox"/>	X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input type="checkbox"/>	X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input type="checkbox"/>	X	
Sign with international symbol of accessibility at each space or pair of spaces	<input type="checkbox"/>	X	
Sign minimum 5 ft, maximum 8 ft to top of sign	<input type="checkbox"/>	X	
Surface evenly paved or hard-packed (no cracks)	<input type="checkbox"/>	X	
Surface slope less than 1:20, 5%	<input type="checkbox"/>	X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input type="checkbox"/>	X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input type="checkbox"/>	X	

RAMPS NOT APPLICABLE

Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum width 4 ft between handrails	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails extend 12" beyond top and bottom	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 2"	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/>	<input type="checkbox"/>	
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/>	<input type="checkbox"/>	

LOCATION**FLERRA MEADOWS**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Disembarking area at accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface evenly paved or hard-packed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
No ponding of water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Path of Travel			
Path does not require the use of stairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Path is stable, firm and slip resistant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3 ft wide minimum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Continuous common surface, no changes in level greater than 1/2 inch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	<input type="checkbox"/>	<input type="checkbox"/>	N/A
At least 18" clear floor area on latch, pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door handle no higher than 48" and operable with a closed fist	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Vestibule is 4 ft plus the width of the door swinging into the space	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Entrance(s) on a level that makes elevators accessible	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats less than 1/2" thick are securely fastened	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats more than 1/2" thick are recessed	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grates in path of travel have openings of 1/2" maximum	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted	<input type="checkbox"/>	<input type="checkbox"/>	N/A

NOTES

LOCATION**FLERRA MEADOWS****STAIRS and DOORS**

Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES**NOT APPLICABLE**

FLERRA MEADOWS

LOCATION

RESTROOMS – also see Doors and Vestibules

NOT APPLICABLE

Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

SEASONAL PORT-A-POTTIES

FLERRA MEADOWS			
LOCATION	FLOORS, DRINKING FOUNTAINS, TELEPHONES		
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

FLERRA MEADOWS

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Lifting device	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Transfer area 18" above the path of travel and a minimum of 18" wide	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Unobstructed path of travel not less than 48" wide around pool	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A

FLERRA MEADOWS

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening	<input type="checkbox"/>	<input type="checkbox"/>	N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Floors are non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls operate by a single lever with a pressure balance mixing valve	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls are located on the center wall adjacent to the hinged seat	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to a flexible metal hose	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Soap trays without handheld features unless they can support 250 pounds	<input type="checkbox"/>	<input type="checkbox"/>	N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grab bars are placed horizontally at 36" above the floor line	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	<input type="checkbox"/>	<input type="checkbox"/>	N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Top of table no higher than 32" above ground	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Facility Inventory		LOCATION: HAGER LAND
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches N/A	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills N/A	Height of Cooking Surface Located adjacent to accessible paths
	Trash Cans N/A	Located adjacent to accessible paths
	Picnic Shelters N/A	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
Trails YES		Surface material Natural Dimensions 2' - 3' Rails NO Signage (for visually impaired) NO
Swimming Facilities	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
Play Areas (tot lots) NO	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes N/A	Located adjacent to accessible paths Berm cuts onto courts
	Equipment N/A	Height Dimensions Spectator Seating
Boat Docks N/A	Access Routes	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Programming NO	Are special programs at your facilities accessible? NO	Learn-to-Swim NO
		Guided Hikes NO
		Interpretive Programs NO
Services and Technical Assistance N/A	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION**HAGER LAND****PARKING**

Total Spaces	Required Accessible Spaces		
Up to 25	1 space		
26-50 X	2 spaces		
51-75	3 spaces		
76-100	4 spaces X		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	<input type="checkbox"/>	X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input type="checkbox"/>	X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input type="checkbox"/>	X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input type="checkbox"/>	X	
Sign with international symbol of accessibility at each space or pair of spaces	<input type="checkbox"/>	X	
Sign minimum 5 ft, maximum 8 ft to top of sign	<input type="checkbox"/>	X	
Surface evenly paved or hard-packed (no cracks)	<input type="checkbox"/>	X	
Surface slope less than 1:20, 5%	<input type="checkbox"/>	X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input type="checkbox"/>	X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input type="checkbox"/>	X	
RAMPS NOT APPLICABLE	Yes	No	Comments/Transition Notes
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum width 4 ft between handrails	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails extend 12" beyond top and bottom	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 2"	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/>	<input type="checkbox"/>	
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/>	<input type="checkbox"/>	

HAGER LAND
LOCATION
SITE ACCESS, PATH OF TRAVEL, ENTRANCES

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than 1/2 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors			N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			N/A
At least 18" clear floor area on latch, pull side of door			N/A
Door handle no higher than 48" and operable with a closed fist			N/A
Vestibule is 4 ft plus the width of the door swinging into the space			N/A
Entrance(s) on a level that makes elevators accessible			N/A
Door mats less than 1/2" thick are securely fastened			N/A
Door mats more than 1/2" thick are recessed			N/A
Grates in path of travel have openings of 1/2" maximum			N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance			N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			N/A

NOTES

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LOCATION HAGER LAND			
STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION**HAGER LAND**

RESTROOMS – also see Doors and Vestibules			NOT APPLICABLE		
Specification	Yes	No	Comments/Transition Notes		
5 ft turning space measured 12" from the floor					
At least one Sink:					
Clear floor space of 30" by 48" to allow a forward approach	<input type="checkbox"/>	<input type="checkbox"/>			
Mounted without pedestal or legs, height 34" to top of rim	<input type="checkbox"/>	<input type="checkbox"/>			
Extends at least 22" from the wall	<input type="checkbox"/>	<input type="checkbox"/>			
Open knee space a minimum 19" deep, 30" width, and 27" high	<input type="checkbox"/>	<input type="checkbox"/>			
Cover exposed pipes with insulation	<input type="checkbox"/>	<input type="checkbox"/>			
Faucets operable with closed fist (lever or spring activated handle)	<input type="checkbox"/>	<input type="checkbox"/>			
At least one Stall:					
Accessible to person using wheelchair at 60" wide by 72" deep	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door is 36" wide	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door swings out	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door is self closing	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door has a pull latch	<input type="checkbox"/>	<input type="checkbox"/>			
Lock on stall door is operable with a closed fist, and 32" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Coat hook is 54" high	<input type="checkbox"/>	<input type="checkbox"/>			
Toilet					
18" from center to nearest side wall	<input type="checkbox"/>	<input type="checkbox"/>			
42" minimum clear space from center to farthest wall or fixture	<input type="checkbox"/>	<input type="checkbox"/>			
Top of seat 17"-19" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Grab Bars					
On back and side wall closest to toilet	<input type="checkbox"/>	<input type="checkbox"/>			
1 1/4" diameter	<input type="checkbox"/>	<input type="checkbox"/>			
1 1/2" clearance to wall	<input type="checkbox"/>	<input type="checkbox"/>			
Located 30" above and parallel to the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Acid-etched or roughened surface	<input type="checkbox"/>	<input type="checkbox"/>			
42" long	<input type="checkbox"/>	<input type="checkbox"/>			
Fixtures					
Toilet paper dispenser is 24" above floor	<input type="checkbox"/>	<input type="checkbox"/>			
One mirror set a maximum 38" to bottom (if tilted, 42")	<input type="checkbox"/>	<input type="checkbox"/>			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			

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LOCATION**HAGER LAND****FLOORS, DRINKING FOUNTAINS, TELEPHONES**

Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification			
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

HAGER LAND

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			N/A
Lifting device			N/A
Transfer area 18" above the path of travel and a minimum of 18" wide			N/A
Unobstructed path of travel not less than 48" wide around pool			N/A
Non-slip surface			N/A

HAGER LAND

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance			N/A
Floors are non-slip surface			N/A
Controls operate by a single lever with a pressure balance mixing valve			N/A
Controls are located on the center wall adjacent to the hinged seat			N/A
Shower heads attached to a flexible metal hose			N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			N/A
Soap trays without handheld features unless they can support 250 pounds			N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			N/A
Grab bars are placed horizontally at 36" above the floor line			N/A

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			N/A
Top of table no higher than 32" above ground			N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			N/A

Facility Inventory		LOCATION: HALF MOON MEADOW
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches N/A Grills N/A Trash Cans N/A Picnic Shelters N/A	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number Height of Cooking Surface Located adjacent to accessible paths Located adjacent to accessible paths Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
Trails YES		Surface material Natural, BOARDWALKS Dimensions 2' - 3' Rails NO Signage (for visually impaired) NO
Swimming Facilities	Pools Beaches	Entrance Location from accessible parking Safety features i.e. warning for visually impaired Location from accessible path into water Handrails Location from accessible parking Shade provided
Play Areas (tot lots) NO	All Play Equipment i.e. swings, slides Access Routes N/A	Same experience provided to all Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes Equipment N/A	Located adjacent to accessible paths Berm cuts onto courts Height Dimensions Spectator Seating
Boat Docks N/A	Access Routes Equipment N/A	Located adjacent to accessible paths Handrails Located adjacent to accessible paths Handrails Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Fishing Facilities N/A	Are special programs at your facilities accessible? NO	Learn-to-Swim NO Guided Hikes NO Interpretive Programs NO
Programming NO		
Services and Technical Assistance N/A	Information available in alternative formats i.e. for visually impaired Process to request interpretive services (i.e. sign language interpreter) for meetings	

HALF MOON MEADOW

LOCATION

PARKING

Total Spaces	Required Accessible Spaces	NONE	
Up to 25 <input checked="" type="checkbox"/>	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sign with international symbol of accessibility at each space or pair of spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sign minimum 5 ft, maximum 8 ft to top of sign	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface evenly paved or hard-packed (no cracks)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface slope less than 1:20, 5%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
RAMPS NOT APPLICABLE	Yes	No	Comments/Transition Notes
Specification			
Slope Maximum 1:12	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum width 4 ft between handrails	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails extend 12" beyond top and bottom	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 2"	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/>	<input type="checkbox"/>	
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/>	<input type="checkbox"/>	

LOCATION**HALF MOON MEADOW****SITE ACCESS, PATH OF TRAVEL, ENTRANCES**

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than 1/2 inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors			N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			N/A
At least 18" clear floor area on latch, pull side of door			N/A
Door handle no higher than 48" and operable with a closed fist			N/A
Vestibule is 4 ft plus the width of the door swinging into the space			N/A
Entrance(s) on a level that makes elevators accessible			N/A
Door mats less than 1/2" thick are securely fastened			N/A
Door mats more than 1/2" thick are recessed			N/A
Grates in path of travel have openings of 1/2" maximum			N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance			N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			N/A

NOTES

LOCATION HALF MOON MEADOW			
STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION**HALF MOON MEADOW****RESTROOMS – also see Doors and Vestibules****NOT APPLICABLE****Specification****Yes****No****Comments/Transition Notes**

5 ft turning space measured 12" from the floor

At least one Sink:

Clear floor space of 30" by 48" to allow a forward approach

Mounted without pedestal or legs, height 34" to top of rim

Extends at least 22" from the wall

Open knee space a minimum 19" deep, 30" width, and 27" high

Cover exposed pipes with insulation

Faucets operable with closed fist (lever or spring activated handle)

At least one Stall:

Accessible to person using wheelchair at 60" wide by 72" deep

Stall door is 36" wide

Stall door swings out

Stall door is self closing

Stall door has a pull latch

Lock on stall door is operable with a closed fist, and 32" above the floor

Coat hook is 54" high

Toilet

18" from center to nearest side wall

42" minimum clear space from center to farthest wall or fixture

Top of seat 17"-19" above the floor

Grab Bars

On back and side wall closest to toilet

1 1/4" diameter

1 1/2" clearance to wall

Located 30" above and parallel to the floor

Acid-etched or roughened surface

42" long

Fixtures

Toilet paper dispenser is 24" above floor

One mirror set a maximum 38" to bottom (if tilted, 42")

Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor

NOTES**NOT APPLICABLE**

HALF MOON MEADOW			
LOCATION	FLOORS, DRINKING FOUNTAINS, TELEPHONES		
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

HALF MOON MEADOW

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Lifting device	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Transfer area 18" above the path of travel and a minimum of 18" wide	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Unobstructed path of travel not less than 48" wide around pool	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A

HALF MOON MEADOW

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening	<input type="checkbox"/>	<input type="checkbox"/>	N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Floors are non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls operate by a single lever with a pressure balance mixing valve	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls are located on the center wall adjacent to the hinged seat	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to a flexible metal hose	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Soap trays without handhold features unless they can support 250 pounds	<input type="checkbox"/>	<input type="checkbox"/>	N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grab bars are placed horizontally at 36" above the floor line	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION

PICNICKING

Specification

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	<input type="checkbox"/>	<input type="checkbox"/>	N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Top of table no higher than 32" above ground	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Facility Inventory		LOCATION: HAVE NOT POND
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches N/A	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number Height of Cooking Surface
	Grills N/A	Located adjacent to accessible paths
	Trash Cans N/A	Located adjacent to accessible paths
	Picnic Shelters N/A	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc. Surface material Natural, BOARDWALKS
Trails YES		Dimensions 2' - 3' Rails NO Signage (for visually impaired) NO Entrance Location from accessible parking Safety features i.e. warning for visually impaired Location from accessible path into water Handrails Location from accessible parking Shade provided
Swimming Facilities	Pools	
	Beaches	
Play Areas (tot lots) NO	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes N/A	Located adjacent to accessible paths Berm cuts onto courts
	Equipment N/A	Height Dimensions Spectator Seating
Boat Docks	Access Routes	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
Fishing Facilities	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
Programming	Are special programs at your facilities accessible? NO	Learn-to-Swim Guided Hikes Interpretive Programs
Services and Technical Assistance N/A	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION

HAVE NOT POND

PARKING		Required Accessible Spaces		NONE
Total Spaces		Yes	No	Comments/Transition Notes
Up to 25	X		X	
26-50			X	
51-75			X	
76-100			X	
101-150			X	
151-200			X	
201-300			X	
301-400			X	
401-500			X	
Specification for Accessible Spaces		Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance			X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			X	
Sign with international symbol of accessibility at each space or pair of spaces			X	
Sign minimum 5 ft, maximum 8 ft to top of sign			X	
Surface evenly paved or hard-packed (no cracks)			X	
Surface slope less than 1:20, 5%			X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			X	
RAMPS NOT APPLICABLE				
Specification		Yes	No	Comments/Transition Notes
Slope Maximum 1:12				
Minimum width 4 ft between handrails				
Handrails on both sides if ramp is longer than 6 ft				
Handrails at 34" and 19" from ramp surface				
Handrails extend 12" beyond top and bottom				
Handgrip oval or round				
Handgrip smooth surface				
Handgrip diameter between 1 1/4" and 2"				
Clearance of 1 1/2" between wall and wall rail				
Non-slip surface				
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction				

LOCATION**HAVE NOT POND**

Specification	Yes	No	Comments/Transition Notes
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	<input type="checkbox"/>	X	
Disembarking area at accessible entrance	<input type="checkbox"/>	X	
Surface evenly paved or hard-packed	<input type="checkbox"/>	X	
No ponding of water	<input type="checkbox"/>	X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	<input type="checkbox"/>	X	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	<input type="checkbox"/>	X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	<input type="checkbox"/>	X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	<input type="checkbox"/>	X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	<input type="checkbox"/>	X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	<input type="checkbox"/>	<input type="checkbox"/>	N/A
At least 18" clear floor area on latch, pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door handle no higher than 48" and operable with a closed fist	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Vestibule is 4 ft plus the width of the door swinging into the space	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Entrance(s) on a level that makes elevators accessible	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats less than $\frac{1}{2}$ " thick are securely fastened	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats more than $\frac{1}{2}$ " thick are recessed	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grates in path of travel have openings of $\frac{1}{2}$ " maximum	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted	<input type="checkbox"/>	<input type="checkbox"/>	N/A

NOTES

LOCATION HAVE NOT POND			
STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

HAVE NOT POND			
LOCATION	NOT APPLICABLE		
RESTROOMS – also see Doors and Vestibules	Yes	No	Comments/Transition Notes
Specification			
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

NOT APPLICABLE

LOCATION**HAVE NOT POND**

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION HAVE NOT POND

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Lifting device	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Transfer area 18" above the path of travel and a minimum of 18" wide	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Unobstructed path of travel not less than 48" wide around pool	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION HAVE NOT POND

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening	<input type="checkbox"/>	<input type="checkbox"/>	N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Floors are non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls operate by a single lever with a pressure balance mixing valve	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls are located on the center wall adjacent to the hinged seat	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to a flexible metal hose	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Soap trays without handheld features unless they can support 250 pounds	<input type="checkbox"/>	<input type="checkbox"/>	N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grab bars are placed horizontally at 36" above the floor line	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	<input type="checkbox"/>	<input type="checkbox"/>	N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Top of table no higher than 32" above ground	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Facility Inventory		LOCATION: HEATH HEN MEADOWS
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches N/A	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number Height of Cooking Surface
	Grills N/A	Located adjacent to accessible paths
	Trash Cans N/A	Located adjacent to accessible paths
	Picnic Shelters N/A	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material Natural, BOARDWALKS
		Dimensions 2' - 3'
		Rails NO
		Signage (for visually impaired) NO
		Entrance
		Location from accessible parking Safety features i.e. warning for visually impaired
Swimming Facilities	Pools	Location from accessible path into water
	Beaches	Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
	Access Routes N/A	Located adjacent to accessible paths Berm cuts onto courts
Game Areas: *ballfield *basketball *tennis	Equipment N/A	Height Dimensions Spectator Seating
	Access Routes N/A	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
		Learn-to-Swim
Fishing Facilities	Are special programs at your facilities accessible? NO	Guided Hikes
		Interpretive Programs
Programming	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	
Services and Technical Assistance N/A		

LOCATION**HEATH HEN MEADOWS****PARKING**

Total Spaces	Required Accessible Spaces	NONE
Up to 25 <input checked="" type="checkbox"/>	1 space	
26-50	2 spaces	
51-75	3 spaces	
76-100	4 spaces	
101-150	5 spaces	
151-200	6 spaces	
201-300	7 spaces	
301-400	8 spaces	
401-500	9 spaces	
Specification for Accessible Spaces	Yes	No
Accessible space located closest to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sign with international symbol of accessibility at each space or pair of spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sign minimum 5 ft, maximum 8 ft to top of sign	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface evenly paved or hard-packed (no cracks)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface slope less than 1:20, 5%	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	<input type="checkbox"/>	<input checked="" type="checkbox"/>

RAMPS NOT APPLICABLE

Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum width 4 ft between handrails	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides if ramp is longer than 6 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails at 34" and 19" from ramp surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails extend 12" beyond top and bottom	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 2"	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance of 1 1/2" between wall and wall rail	<input type="checkbox"/>	<input type="checkbox"/>	
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction	<input type="checkbox"/>	<input type="checkbox"/>	

LOCATION**HEATH HEN MEADOWS**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors			N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			N/A
At least 18" clear floor area on latch, pull side of door			N/A
Door handle no higher than 48" and operable with a closed fist			N/A
Vestibule is 4 ft plus the width of the door swinging into the space			N/A
Entrance(s) on a level that makes elevators accessible			N/A
Door mats less than $\frac{1}{2}$ " thick are securely fastened			N/A
Door mats more than $\frac{1}{2}$ " thick are recessed			N/A
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance			N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted			N/A

NOTES

LOCATION HEATH HEN MEADOWS			
STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION HEATH HEN MEADOWS			
RESTROOMS – also see Doors and Vestibules		NOT APPLICABLE	
Specification	Yes	No	Comments/Transition Notes
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

NOT APPLICABLE

LOCATION**HEATH HEN MEADOWS**

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION **HEATH HEN MEADOWS**

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Lifting device	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Transfer area 18" above the path of travel and a minimum of 18" wide	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Unobstructed path of travel not less than 48" wide around pool	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION **HEATH HEN MEADOWS**

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening	<input type="checkbox"/>	<input type="checkbox"/>	N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Floors are non-slip surface	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls operate by a single lever with a pressure balance mixing valve	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Controls are located on the center wall adjacent to the hinged seat	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to a flexible metal hose	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Soap trays without handheld features unless they can support 250 pounds	<input type="checkbox"/>	<input type="checkbox"/>	N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grab bars are placed horizontally at 36" above the floor line	<input type="checkbox"/>	<input type="checkbox"/>	N/A

LOCATION			
PICNICKING			
Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	<input type="checkbox"/>	<input type="checkbox"/>	N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Top of table no higher than 32" above ground	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Facility Inventory		LOCATION: PATCH HILL
ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches N/A	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills N/A	Height of Cooking Surface Located adjacent to accessible paths
	Trash Cans N/A	Located adjacent to accessible paths
	Picnic Shelters N/A	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
Trails YES		Surface material Natural, BOARDWALKS Dimensions 2' - 3' Rails NO Signage (for visually impaired) NO
Swimming Facilities	Pools	Entrance Location from accessible parking Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes N/A	Located adjacent to accessible paths Berm cuts onto courts
	Equipment N/A	Height Dimensions Spectator Seating
Boat Docks	N/A	Access Routes Located adjacent to accessible paths Handrails
	Access Routes Located adjacent to accessible paths Handrails Arm Rests Bait Shelves Handrails Fish Cleaning Tables	
Programming	Are special programs at your facilities accessible? NO	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION**PATCH HILL**

PARKING		Required Accessible Spaces	Comments/Transition Notes
Total Spaces		NONE	
Up to 25	X	1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS NOT APPLICABLE			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1 1/4" and 2"			
Clearance of 1 1/2" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			

LOCATION**PATCH HILL****SITE ACCESS, PATH OF TRAVEL, ENTRANCES**

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
Surface evenly paved or hard-packed		X	
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance			N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors			N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			N/A
At least 18" clear floor area on latch, pull side of door			N/A
Door handle no higher than 48" and operable with a closed fist			N/A
Vestibule is 4 ft plus the width of the door swinging into the space			N/A
Entrance(s) on a level that makes elevators accessible			N/A
Door mats less than $\frac{1}{2}$ " thick are securely fastened			N/A
Door mats more than $\frac{1}{2}$ " thick are recessed			N/A
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance			N/A
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			N/A

NOTES

LOCATION PATCH HILL			
STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION**PATCH HILL**

RESTROOMS – also see Doors and Vestibules			NOT APPLICABLE		
Specification	Yes	No	Comments/Transition Notes		
5 ft turning space measured 12" from the floor					
At least one Sink:					
Clear floor space of 30" by 48" to allow a forward approach	<input type="checkbox"/>	<input type="checkbox"/>			
Mounted without pedestal or legs, height 34" to top of rim	<input type="checkbox"/>	<input type="checkbox"/>			
Extends at least 22" from the wall	<input type="checkbox"/>	<input type="checkbox"/>			
Open knee space a minimum 19" deep, 30" width, and 27" high	<input type="checkbox"/>	<input type="checkbox"/>			
Cover exposed pipes with insulation	<input type="checkbox"/>	<input type="checkbox"/>			
Faucets operable with closed fist (lever or spring activated handle)	<input type="checkbox"/>	<input type="checkbox"/>			
At least one Stall:					
Accessible to person using wheelchair at 60" wide by 72" deep	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door is 36" wide	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door swings out	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door is self closing	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door has a pull latch	<input type="checkbox"/>	<input type="checkbox"/>			
Lock on stall door is operable with a closed fist, and 32" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Coat hook is 54" high	<input type="checkbox"/>	<input type="checkbox"/>			
Toilet					
18" from center to nearest side wall	<input type="checkbox"/>	<input type="checkbox"/>			
42" minimum clear space from center to farthest wall or fixture	<input type="checkbox"/>	<input type="checkbox"/>			
Top of seat 17"-19" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Grab Bars					
On back and side wall closest to toilet	<input type="checkbox"/>	<input type="checkbox"/>			
1 1/4" diameter	<input type="checkbox"/>	<input type="checkbox"/>			
1 1/2" clearance to wall	<input type="checkbox"/>	<input type="checkbox"/>			
Located 30" above and parallel to the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Acid-etched or roughened surface	<input type="checkbox"/>	<input type="checkbox"/>			
42" long	<input type="checkbox"/>	<input type="checkbox"/>			
Fixtures					
Toilet paper dispenser is 24" above floor	<input type="checkbox"/>	<input type="checkbox"/>			
One mirror set a maximum 38" to bottom (if tilted, 42")	<input type="checkbox"/>	<input type="checkbox"/>			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			

NOTES

NOT APPLICABLE

LOCATION**PATCH HILL****FLOORS, DRINKING FOUNTAINS, TELEPHONES**

Specification	Yes	No	Comments/Transition Notes
Floors			

Non-slip surface

Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored

Corridor width minimum is 3 ft

Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor

Drinking Fountains

Spouts no higher than 36" from floor to outlet

Hand operated push button or level controls

Spouts located near front with stream of water as parallel to front as possible

If recessed, recess a minimum 30" width, and no deeper than depth of fountain

If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach

Telephones

Highest operating part a maximum 54" above the floor

Access within 12" of phone, 30" high by 30" wide

Adjustable volume control on headset so identified

SIGNS, SIGNALS, AND SWITCHES

Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			

Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach

Electrical outlets centered no lower than 18" above the floor

Warning signals must be visual as well as audible

Signs

Mounting height must be 60" to centerline of the sign

Within 18" of door jamb or recessed

Letters and numbers at least 1 1/4" high

Letters and numbers raised .03"

Letters and numbers contrast with the background color

NOTES**NOT APPLICABLE**

PATCH HILL

LOCATION

SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			N/A
Lifting device			N/A
Transfer area 18" above the path of travel and a minimum of 18" wide			N/A
Unobstructed path of travel not less than 48" wide around pool			N/A
Non-slip surface			N/A

PATCH HILL

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance			N/A
Floors are non-slip surface			N/A
Controls operate by a single lever with a pressure balance mixing valve			N/A
Controls are located on the center wall adjacent to the hinged seat			N/A
Shower heads attached to a flexible metal hose			N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			N/A
Soap trays without handheld features unless they can support 250 pounds			N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			N/A
Grab bars are placed horizontally at 36" above the floor line			N/A

LOCATION

PICNICKING

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			N/A
Top of table no higher than 32" above ground			N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			N/A

Facility Inventory

LOCATION: ROLLING MEADOWS

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches N/A	Located adjacent to accessible paths Access to Open Spaces Back and Arm Rests Adequate number
	Grills N/A	Height of Cooking Surface Located adjacent to accessible paths
	Trash Cans N/A	Located adjacent to accessible paths
	Picnic Shelters N/A	Located adjacent to accessible paths Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material Natural, BOARDWALKS
		Dimensions 2' - 3'
		Rails NO
		Signage (for visually impaired) NO
		Entrance
		Location from accessible parking
Swimming Facilities	Pools	Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water Handrails Location from accessible parking Shade provided
	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths Enough space between equipment for wheelchair
	Access Routes N/A	Located adjacent to accessible paths Berm cuts onto courts
Game Areas: *ballfield *basketball *tennis	Equipment N/A	Height Dimensions Spectator Seating
	Access Routes	Located adjacent to accessible paths Handrails
	Access Routes	Located adjacent to accessible paths Handrails
	Equipment	Arm Rests Bait Shelves Handrails Fish Cleaning Tables
		Learn-to-Swim
Programming	Are special programs at your facilities accessible? NO	Guided Hikes
		Interpretive Programs
Services and Technical Assistance	N/A	Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

LOCATION**ROLLING MEADOWS****PARKING**

Total Spaces	Required Accessible Spaces		NONE
Up to 25	Yes	No	Comments/Transition Notes
Up to 25 X		X	
26-50		X	
51-75		X	
76-100		X	
101-150		X	
151-200		X	
201-300		X	
301-400		X	
401-500		X	
Specification for Accessible Spaces	Yes	No	Comments/Transition Notes
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space – minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)		X	
Surface slope less than 1:20, 5%		X	
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS NOT APPLICABLE			
Specification	Yes	No	Comments/Transition Notes
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1 1/4" and 2"			
Clearance of 1 1/2" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			

LOCATION**ROLLING MEADOWS****SITE ACCESS, PATH OF TRAVEL, ENTRANCES**

Specification	Yes	No	Comments/Transition Notes
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Disembarking area at accessible entrance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Surface evenly paved or hard-packed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
No ponding of water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Path of Travel			
Path does not require the use of stairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Path is stable, firm and slip resistant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3 ft wide minimum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Continuous common surface, no changes in level greater than 1/2 inch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Level space extending 5 ft. from the door, interior and exterior of entrance doors	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	<input type="checkbox"/>	<input type="checkbox"/>	N/A
At least 18" clear floor area on latch, pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door handle no higher than 48" and operable with a closed fist	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Vestibule is 4 ft plus the width of the door swinging into the space	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Entrance(s) on a level that makes elevators accessible	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats less than 1/2" thick are securely fastened	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Door mats more than 1/2" thick are recessed	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Grates in path of travel have openings of 1/2" maximum	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Signs at non-accessible entrance(s) indicate direction to accessible entrance	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Emergency egress – alarms with flashing lights and audible signals, sufficiently lighted	<input type="checkbox"/>	<input type="checkbox"/>	N/A

NOTES

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LOCATION ROLLING MEADOWS			
STAIRS and DOORS			
Specification	Yes	No	Comments/Transition Notes
Stairs			
No open risers	<input type="checkbox"/>	<input type="checkbox"/>	
Nosings not projecting	<input type="checkbox"/>	<input type="checkbox"/>	
Treads no less than 11" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Handrails 34"-38" above tread	<input type="checkbox"/>	<input type="checkbox"/>	
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip oval or round	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip has a smooth surface	<input type="checkbox"/>	<input type="checkbox"/>	
Handgrip diameter between 1 1/4" and 1 1/2"	<input type="checkbox"/>	<input type="checkbox"/>	
1 1/2" clearance between wall and handrail	<input type="checkbox"/>	<input type="checkbox"/>	
Doors			
Minimum 32" clear opening	<input type="checkbox"/>	<input type="checkbox"/>	
At least 18" clear floor space on pull side of door	<input type="checkbox"/>	<input type="checkbox"/>	
Closing speed minimum 3 seconds to within 3" of the latch	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum pressure 5 pounds interior doors	<input type="checkbox"/>	<input type="checkbox"/>	
Threshold maximum 1/2" high, beveled on both sides	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)	<input type="checkbox"/>	<input type="checkbox"/>	
Hardware minimum 36", maximum 48" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Clear, level floor space extends out 5 ft from both sides of the door	<input type="checkbox"/>	<input type="checkbox"/>	
Door adjacent to revolving door is accessible and unlocked	<input type="checkbox"/>	<input type="checkbox"/>	
Doors opening into hazardous area have hardware that is knurled or roughened	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION**ROLLING MEADOWS**

RESTROOMS – also see Doors and Vestibules			NOT APPLICABLE		
Specification	Yes	No	Comments/Transition Notes		
5 ft turning space measured 12" from the floor					
At least one Sink:					
Clear floor space of 30" by 48" to allow a forward approach	<input type="checkbox"/>	<input type="checkbox"/>			
Mounted without pedestal or legs, height 34" to top of rim	<input type="checkbox"/>	<input type="checkbox"/>			
Extends at least 22" from the wall	<input type="checkbox"/>	<input type="checkbox"/>			
Open knee space a minimum 19" deep, 30" width, and 27" high	<input type="checkbox"/>	<input type="checkbox"/>			
Cover exposed pipes with insulation	<input type="checkbox"/>	<input type="checkbox"/>			
Faucets operable with closed fist (lever or spring activated handle)	<input type="checkbox"/>	<input type="checkbox"/>			
At least one Stall:					
Accessible to person using wheelchair at 60" wide by 72" deep	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door is 36" wide	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door swings out	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door is self closing	<input type="checkbox"/>	<input type="checkbox"/>			
Stall door has a pull latch	<input type="checkbox"/>	<input type="checkbox"/>			
Lock on stall door is operable with a closed fist, and 32" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Coat hook is 54" high	<input type="checkbox"/>	<input type="checkbox"/>			
Toilet					
18" from center to nearest side wall	<input type="checkbox"/>	<input type="checkbox"/>			
42" minimum clear space from center to farthest wall or fixture	<input type="checkbox"/>	<input type="checkbox"/>			
Top of seat 17"-19" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Grab Bars					
On back and side wall closest to toilet	<input type="checkbox"/>	<input type="checkbox"/>			
1 1/4" diameter	<input type="checkbox"/>	<input type="checkbox"/>			
1 1/2" clearance to wall	<input type="checkbox"/>	<input type="checkbox"/>			
Located 30" above and parallel to the floor	<input type="checkbox"/>	<input type="checkbox"/>			
Acid-etched or roughened surface	<input type="checkbox"/>	<input type="checkbox"/>			
42" long	<input type="checkbox"/>	<input type="checkbox"/>			
Fixtures					
Toilet paper dispenser is 24" above floor	<input type="checkbox"/>	<input type="checkbox"/>			
One mirror set a maximum 38" to bottom (if tilted, 42")	<input type="checkbox"/>	<input type="checkbox"/>			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor	<input type="checkbox"/>	<input type="checkbox"/>			

NOTES**NOT APPLICABLE**

LOCATION**ROLLING MEADOWS**

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
Specification	Yes	No	Comments/Transition Notes
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored	<input type="checkbox"/>	<input type="checkbox"/>	
Corridor width minimum is 3 ft	<input type="checkbox"/>	<input type="checkbox"/>	
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Drinking Fountains			
Spouts no higher than 36" from floor to outlet	<input type="checkbox"/>	<input type="checkbox"/>	
Hand operated push button or level controls	<input type="checkbox"/>	<input type="checkbox"/>	
Spouts located near front with stream of water as parallel to front as possible	<input type="checkbox"/>	<input type="checkbox"/>	
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	<input type="checkbox"/>	<input type="checkbox"/>	
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	<input type="checkbox"/>	<input type="checkbox"/>	
Telephones			
Highest operating part a maximum 54" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Access within 12" of phone, 30" high by 30" wide	<input type="checkbox"/>	<input type="checkbox"/>	
Adjustable volume control on headset so identified	<input type="checkbox"/>	<input type="checkbox"/>	
SIGNS, SIGNALS, AND SWITCHES			
Specification	Yes	No	Comments/Transition Notes
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical outlets centered no lower than 18" above the floor	<input type="checkbox"/>	<input type="checkbox"/>	
Warning signals must be visual as well as audible	<input type="checkbox"/>	<input type="checkbox"/>	
Signs			
Mounting height must be 60" to centerline of the sign	<input type="checkbox"/>	<input type="checkbox"/>	
Within 18" of door jamb or recessed	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers at least 1 1/4" high	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers raised .03"	<input type="checkbox"/>	<input type="checkbox"/>	
Letters and numbers contrast with the background color	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES

NOT APPLICABLE

LOCATION**ROLLING MEADOWS****SWIMMING POOLS – accessibility can be via ramp, lifting device, or transfer area**

Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			N/A
Lifting device			N/A
Transfer area 18" above the path of travel and a minimum of 18" wide			N/A
Unobstructed path of travel not less than 48" wide around pool			N/A
Non-slip surface			N/A

LOCATION**ROLLING MEADOWS****SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use**

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			N/A NOT APPLICABLE
Floors are pitched to drain the stall at the corner farthest from entrance			N/A
Floors are non-slip surface			N/A
Controls operate by a single lever with a pressure balance mixing valve			N/A
Controls are located on the center wall adjacent to the hinged seat			N/A
Shower heads attached to a flexible metal hose			N/A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			N/A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			N/A
Soap trays without handheld features unless they can support 250 pounds			N/A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			N/A
Grab bars are placed horizontally at 36" above the floor line			N/A

LOCATION**PICNICKING****Specification**

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			N/A
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			N/A
Top of table no higher than 32" above ground			N/A
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			N/A
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			N/A